ADDENDUM

TO

ARB-TDA REPORT NO. 48-78

AMBIENT AIR QUALITY SURVEY

THE GREAT LAKES PAPER COMPANY LIMITED, THUNDER BAY

October and November 1977

(Compilation of Time Averaged Data)

Ontario
Ministry of the Environment

The Honourable
George R. McCague,
Minister

K.H. Sharpe,
Deputy Minister

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AIR RESOURCES BRANCH

TECHNOLOGY DEVELOPMENT AND APPRAISAL SECTION

MONITORING AND INSTRUMENTATION DEVELOPMENT UNIT

ADDENDUM

TO

ARB-TDA REPORT NO. 48-78

AMBIENT AIR QUALITY SURVEY

THE GREAT LAKES PAPER COMPANY LIMITED, THUNDER BAY

October and November 1977

(Compilation of Time Averaged Data)

These statistical printouts (P/O) are the tabulated results for the monitored gaseous pollutants as detected in the vicinity of the Great Lakes Paper Company, Limited, Thunder Bay, Ontario during the months of October and November, 1977.

All statistical values are based on instantaneous recorded values and all results are expressed in ppm (parts per million). - Refered to Section 07 of initial survey report.

All survey headings have the following format:

THUNDER BAY II #

All surveys are presented in numerical order, however several of the surveys will be found to be omitted. Reasons for the omissions were as follows:

i) insufficient data - monitoring period was too short in duration.

ii) invalid data - instrument error, hardware problems.

iii) calibration data - several surveys contained this type of data only

Additional pollutant concentration versus time graphs are also included for the reader's convenience.

One-hour average concentrations of NO_x, NO and NO_2 are also included.

THUNDER BAY II #1

DATE: OCT 20 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: HWY #61B;(32840-535660),1.1KM, 220 DEG/SOURCE

TIME	CO	H2S	THC	SO2
	THC-CH4	CH4	NOX	NO2
	NO	OZONE	SOLAR RAD	TEMP
	HUMIDITY	BAROMETER	WIND SPEED	WIND DIRECTI
17:58-----18:28	1.0E-06	3.5E-04	1.7E+00	7.0E-03
	5.3E-01	1.4E+00	1.5E-01	2.1E-02
	1.3E-01	2.7E-02	8.1E-03	15
	60	984	4	63
18:13-----18:43	1.8E-03	3.8E-04	1.7E+00	3.5E-03
	5.1E-01	1.4E+00	1.3E-01	2.3E-02
	1.0E-01	2.7E-02	4.9E-03	15
	62	984	4	63
18:28-----18:58	5.9E-02	6.2E-04	1.8E+00	3.0E-03
	5.8E-01	1.4E+00	1.5E-01	3.2E-02
	1.2E-01	2.5E-02	2.2E-03	14
	65	984	3	55
18:43-----19:13	3.1E-01	2.4E-04	2.1E+00	3.1E-03
	7.5E-01	1.5E+00	2.0E-01	3.8E-02
	1.6E-01	1.4E-02	5.9E-04	14
	69	985	3	56
18:58-----19:28	2.7E-01	1.0E-06	2.3E+00	3.1E-03
	8.8E-01	1.5E+00	2.1E-01	4.2E-02
	1.6E-01	5.0E-03	9.1E-05	13
	73	985	3	61
19:13-----19:43	2.2E-02	1.0E-06	2.5E+00	2.5E-03
	1.0E+00	1.5E+00	2.2E-01	4.9E-02
	1.7E-01	4.9E-03	2.3E-06	12
	76	985	3	63
19:28-----19:58	2.1E+00	5.8E-06	2.7E+00	3.0E-03
	1.6E+00	1.6E+00	3.1E-01	8.5E-02
	2.6E-01	5.6E-03	1.0E-06	12
	78	985	2	65
19:43-----20:13	2.8E+00	2.8E-04	3.8E+00	4.4E-03
	2.4E+00	1.7E+00	5.0E-01	1.5E-01
	4.4E-01	4.1E-03	1.0E-06	12
	77	985	0	75
19:58-----20:28	6.7E-01	2.8E-04	3.6E+00	3.8E-03
	1.9E+00	1.6E+00	5.5E-01	1.1E-01
	4.9E-01	3.9E-03	1.0E-06	12
	76	986	0	169
20:13-----20:43	1.1E-05	1.0E-06	2.3E+00	2.1E-03
	9.1E-01	1.5E+00	4.4E-01	4.3E-02
	3.8E-01	5.3E-03	1.0E-06	11
	77	986	0	188
20:28-----20:58	1.0E+00	1.0E-06	2.4E+00	2.5E-03
	1.0E+00	1.4E+00	4.1E-01	6.7E-02
	3.5E-01	4.0E-03	1.0E-06	11
	80	986	0	180
20:43-----21:13	1.1E+00	1.0E-06	2.6E+00	3.6E-03
	1.0E+00	1.4E+00	4.6E-01	9.1E-02
	3.9E-01	1.4E-03	1.0E-06	11
	81	986	0	195

THUNDER BAY II #1, CONT'D

TIME	CO	H2S	THC	SO2
	THC-CH4	CH4	NOX	NO2
	NO	OZONE	SOLAR RAD	TEMP
	HUMIDITY	BAROMETER	WIND SPEED	WIND DIRECTI
20:58----21:28	5.7E-01	1.0E-06	2.6E+00	4.1E-03
	1.1E+00	1.4E+00	5.1E-01	1.4E-01
	4.2E-01	1.1E-03	1.0E-06	11
	81	986	0	197
21:13----21:43	8.4E-01	1.0E-06	3.0E+00	4.4E-03
	1.2E+00	1.4E+00	6.0E-01	1.1E-01
	5.3E-01	1.4E-03	1.0E-06	10
	82	986	0	199
21:20----21:58	4.0E-01	1.0E-06	2.5E+00	3.3E-03
	9.5E-01	1.4E+00	6.2E-01	5.0E-02
	5.5E-01	1.5E-03	1.0E-06	10
	84	986	0	199
21:43----22:13	6.2E-02	1.0E-06	2.2E+00	2.0E-03
	8.1E-01	1.5E+00	5.5E-01	9.8E-02
	4.6E-01	2.9E-03	1.0E-06	10
	87	986	0	194
21:58----22:28	1.4E-05	1.0E-06	2.3E+00	1.5E-03
	8.1E-01	1.7E+00	4.7E-01	9.1E-02
	4.0E-01	3.9E-03	1.0E-06	9
	87	986	0	181
22:13----22:43	1.4E-05	1.0E-06	2.2E+00	1.3E-03
	7.7E-01	1.6E+00	3.9E-01	4.3E-02
	3.3E-01	2.7E-03	1.0E-06	9
	88	986	1	188
22:28----22:58	1.4E-05	1.0E-06	2.1E+00	1.2E-03
	7.5E-01	1.5E+00	3.3E-01	4.5E-02
	2.7E-01	1.4E-03	1.0E-06	9
	91	987	2	187
22:43----23:13	1.4E-05	1.0E-06	2.2E+00	1.1E-03
	7.7E-01	1.5E+00	2.9E-01	5.0E-02
	2.3E-01	6.7E-04	1.0E-06	10
	92	987	1	182
22:58----23:28	1.4E-05	1.0E-06	2.4E+00	9.5E-04
	8.2E-01	1.6E+00	3.3E-01	4.5E-02
	2.8E-01	4.1E-04	1.0E-06	10
	90	987	1	179
23:13----23:43	1.4E-05	1.0E-06	2.2E+00	9.4E-04
	7.1E-01	1.5E+00	3.0E-01	3.9E-02
	2.6E-01	1.1E-03	1.0E-06	10
	88	987	0	179
23:28----23:58	1.4E-05	1.0E-06	1.6E+00	1.2E-03
	5.1E-01	1.2E+00	1.2E-01	2.2E-02
	8.7E-02	1.7E-03	1.0E-06	10
	88	987	0	184
23:43----00:13	1.4E-05	1.0E-06	1.5E+00	1.9E-03
	6.7E-01	9.4E-01	6.6E-06	2.1E-06
	5.7E-06	1.3E-03	1.0E-06	10
	88	987	0	215
23:58----00:28	1.4E-05	1.0E-06	1.2E+00	2.8E-03
	6.4E-01	6.2E-01	6.6E-06	2.1E-06
	5.7E-06	5.8E-04	1.0E-06	10
	87	987	0	234

THUNDER BAY II #1, CONT'D

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
00:13-----00:43	1.4E-05 2.0E-01 5.7E-06 86	1.0E-06 2.5E-01 1.4E-03 987	4.4E-01 6.6E-06 1.0E-06 0	2.2E-03 2.1E-06 10 217
00:28-----00:58	1.4E-05 3.1E-04 5.7E-06 87	1.0E-06 4.1E-02 2.4E-03 987	1.7E-02 6.6E-06 1.0E-06 0	6.5E-04 2.1E-06 9 193
00:43-----01:13	1.4E-05 2.1E-05 5.7E-06 89	1.0E-06 4.3E-05 4.2E-03 988	6.0E-05 6.6E-06 1.0E-06 1	6.7E-05 2.1E-06 9 195
00:58-----01:28	1.4E-05 2.1E-05 5.7E-06 89	1.0E-06 4.3E-05 9.8E-03 988	6.0E-05 6.6E-06 1.0E-06 1	1.7E-05 2.1E-06 9 189
01:13-----01:43	1.4E-05 2.1E-05 5.7E-06 87	1.0E-06 4.3E-05 1.5E-02 988	6.0E-05 6.6E-06 1.0E-06 1	1.2E-04 2.1E-06 9 183
01:28-----01:58	1.4E-05 2.1E-05 5.7E-06 85	1.0E-06 4.3E-05 1.8E-02 988	6.0E-05 6.6E-06 1.0E-06 0	1.2E-04 2.1E-06 9 178
01:43-----02:13	1.4E-05 2.1E-05 5.7E-06 83	1.0E-06 4.3E-05 2.0E-02 988	6.0E-05 6.6E-06 1.0E-06 1	3.3E-05 2.1E-06 10 196
01:58-----02:28	1.4E-05 2.1E-05 5.7E-06 81	1.0E-06 4.3E-05 2.0E-02 988	6.0E-05 6.6E-06 1.0E-06 2	5.4E-05 2.1E-06 10 196
02:13-----02:43	1.4E-05 2.1E-05 5.7E-06 82	1.0E-06 4.3E-05 1.9E-02 988	6.0E-05 6.6E-06 1.0E-06 1	2.5E-05 2.1E-06 9 187
02:28-----02:58	1.4E-05 2.1E-05 5.7E-06 83	1.0E-06 4.3E-05 2.0E-02 988	6.0E-05 6.6E-06 1.0E-06 1	1.8E-05 2.1E-06 9 187
02:43-----03:13	1.4E-05 2.1E-05 5.7E-06 85	1.0E-06 4.3E-05 2.2E-02 988	6.0E-05 6.6E-06 1.0E-06 1	4.3E-05 2.1E-06 9 194
02:58-----03:28	1.4E-05 2.1E-05 5.7E-06 86	1.0E-06 4.3E-05 2.3E-02 988	6.0E-05 6.6E-06 1.0E-06 1	2.6E-05 2.1E-06 9 194
03:13-----03:43	1.4E-05 2.1E-05 5.7E-06 87	1.0E-06 4.3E-05 2.1E-02 988	6.0E-05 6.6E-06 1.0E-06 1	7.5E-06 2.1E-06 8 193

THUNDER BAY II #1, CONT'D

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
03:28----03:58	1.4E-05 2.1E-05 5.7E-06 89	1.0E-06 4.3E-05 2.1E-02 989	6.0E-05 6.6E-06 1.0E-06 1	7.5E-06 2.1E-06 7 190
03:43----04:13	1.4E-05 2.1E-05 5.7E-06 90	1.0E-06 4.3E-05 2.1E-02 989	6.0E-05 6.6E-06 1.0E-06 0	1.1E-06 2.1E-06 7 186
03:58----04:28	1.4E-05 2.1E-05 5.7E-06 91	1.0E-06 4.3E-05 2.0E-02 989	6.0E-05 6.6E-06 1.0E-06 0	1.1E-06 2.1E-06 7 184
04:13----04:43	1.4E-05 2.1E-05 5.7E-06 93	1.0E-06 4.3E-05 1.8E-02 989	6.0E-05 6.6E-06 1.0E-06 0	1.7E-05 2.1E-06 6 315
04:28----04:58	1.4E-05 2.1E-05 5.7E-06 94	1.0E-06 4.3E-05 1.5E-02 989	6.0E-05 6.6E-06 1.0E-06 0	1.7E-05 2.1E-06 6 309
04:43----05:13	1.4E-05 2.1E-05 5.7E-06 95	1.0E-06 4.3E-05 1.6E-02 989	6.0E-05 6.6E-06 1.0E-06 0	1.2E-04 2.1E-06 6 206
04:58----05:28	1.4E-05 2.1E-05 5.7E-06 95	1.0E-06 4.3E-05 1.6E-02 989	6.0E-05 6.6E-06 1.0E-06 0	1.3E-04 2.1E-06 6 201
05:13----05:43	1.4E-05 2.1E-05 5.7E-06 94	1.0E-06 4.3E-05 1.5E-02 989	6.0E-05 6.6E-06 1.0E-06 0	8.5E-06 2.1E-06 6 188
05:28----05:58	1.4E-05 2.1E-05 5.7E-06 94	1.0E-06 4.3E-05 1.4E-02 989	6.0E-05 6.6E-06 1.0E-06 0	1.1E-06 2.1E-06 5 204
05:43----06:13	1.4E-05 2.1E-05 5.7E-06 96	1.0E-06 4.3E-05 1.5E-02 989	6.0E-05 6.6E-06 1.3E-06 0	1.1E-06 2.1E-06 5 204
05:58----06:28	1.4E-05 2.1E-05 5.7E-06 98	1.0E-06 4.3E-05 1.7E-02 990	6.0E-05 6.6E-06 1.3E-06 1	1.1E-06 2.1E-06 5 192
06:13----06:43	1.4E-05 2.1E-05 5.7E-06 98	1.0E-06 4.3E-05 1.8E-02 990	6.0E-05 6.6E-06 1.0E-06 1	1.1E-06 2.1E-06 5 186
06:28----06:58	1.4E-05 2.1E-05 5.7E-06 97	1.0E-06 4.3E-05 1.6E-02 990	6.0E-05 6.6E-06 1.0E-06 1	1.1E-06 2.1E-06 5 192

THUNDER BAY II #1, CONT'D

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
06:43----07:13	1.4E-05 2.1E-05 5.7E-06 97	1.0E-06 4.3E-05 1.6E-02 990	6.0E-05 6.6E-06 1.0E-06 1	1.1E-06 2.1E-06 5 186
06:58----07:28	1.4E-05 2.1E-05 5.7E-06 97	1.0E-06 4.3E-05 1.7E-02 990	6.0E-05 6.6E-06 1.0E-06 1	1.1E-06 2.1E-06 5 187
07:13----07:43	1.4E-05 2.1E-05 5.7E-06 96	1.0E-06 4.3E-05 1.8E-02 990	6.0E-05 6.6E-06 1.0E-06 1	1.1E-06 2.1E-06 5 186
07:28----07:58	1.4E-05 2.1E-05 5.7E-06 95	1.0E-06 4.3E-05 1.6E-02 990	6.0E-05 6.6E-06 1.0E-06 1	1.1E-06 2.1E-06 5 178

STATISTICS

NUMBER OF READINGS 840

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	2.82E+01	1.80E-01	1.56E+00	1.77E-06	1.67E+01
H2S	1.00E-06	5.01E-03	4.58E-05	3.75E-04	1.17E-06	2.91E+00
THC	1.00E-06	1.62E+01	1.05E+00	1.46E+00	9.01E-04	1.41E+03
SO2	1.00E-06	1.97E-02	1.37E-03	2.14E-03	5.06E-05	4.58E+01
THC-CH4	1.00E-06	8.38E+00	4.30E-01	7.94E-01	5.43E-04	8.68E+02
CH4	1.00E-06	2.52E+00	6.57E-01	7.36E-01	8.11E-04	1.13E+03
NOX	1.00E-06	6.93E-01	1.48E-01	2.11E-01	1.66E-04	5.13E+02
NO2	1.00E-06	7.41E-01	2.66E-02	8.17E-02	4.48E-05	1.76E+02
NO	1.00E-06	6.66E-01	1.26E-01	1.84E-01	1.54E-04	4.68E+02
OZONE	1.00E-06	3.17E-02	1.17E-02	9.02E-03	4.95E-03	8.70E+00
SOLAR RAD	1.00E-06	1.29E-02	3.73E-04	1.66E-03	1.98E-06	9.08E+00
TEMP	4	16	9	3		
HUMIDITY	57	103	86	9	85	1
BAROMETER	984	991	987	2	987	1
WIND SPEED	0	8	1	1	0	954

THUNDER BAY II #2

DATE: OCT 21 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: HWY #61B;(33025-53578),1.2KM, 45 DEG/SOURCE

TIME	CO	H2S	SO2	NOX
	NO2	NO	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
10:13----10:43	7.8E-01	2.0E-02	2.1E-02	1.2E-01
	2.3E-02	1.1E-01	1.9E-02	1.3E-02
	10	53	994	4
	233			
10:28----10:58	9.2E-01	2.1E-02	4.7E-03	1.6E-01
	2.8E-02	1.6E-01	2.0E-02	1.2E-02
	10	50	994	3
	250			
10:43----11:13	7.8E-01	1.8E-02	1.3E-03	2.7E-01
	2.9E-02	3.0E-01	2.4E-02	1.3E-02
	11	44	994	2
	276			
10:58----11:28	2.1E+00	1.3E-02	3.3E-04	3.2E-01
	3.3E-02	3.4E-01	2.8E-02	1.8E-02
	12	39	994	2
	292			
11:13----11:43	1.7E+00	1.2E-02	2.2E-04	2.6E-01
	3.5E-02	2.6E-01	2.7E-02	2.6E-02
	13	37	995	2
	276			
11:28----11:58	2.5E-01	9.8E-03	9.2E-05	2.3E-01
	3.2E-02	2.5E-01	2.7E-02	2.8E-02
	14	34	995	3
	267			
11:43----12:13	3.2E-01	8.2E-03	3.9E-04	2.5E-01
	3.3E-02	2.7E-01	2.8E-02	2.3E-02
	14	32	995	3
	297			

STATISTICS

NUMBER OF READINGS 125

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.36E+01	9.95E-01	2.53E+00	4.31E-04	9.37E+02
H2S	6.95E-03	3.36E-02	1.44E-02	6.19E-03	1.32E-02	1.51E+00
SO2	1.00E-06	6.49E-02	5.65E-03	1.32E-02	1.44E-04	5.57E+01
NOX	7.64E-02	4.75E-01	2.28E-01	9.40E-02	2.08E-01	1.56E+00
NO2	1.00E-06	2.38E-01	3.04E-02	3.31E-02	9.30E-03	2.18E+01
NO	6.03E-02	5.86E-01	2.39E-01	1.06E-01	2.14E-01	1.65E+00
OZONE	1.44E-02	3.39E-02	2.45E-02	5.17E-03	2.39E-02	1.25E+00
SOLAR RAD	6.76E-03	3.79E-02	1.82E-02	7.74E-03	1.72E-02	1.53E+00
TEMP	7	15	12	2		
HUMIDITY	28	60	41	9	40	1
BAROMETER	994	995	994	0	994	1
WIND SPEED	0	13	3	2	1	19

THUNDER BAY II #3

DATE: OCT 21 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: HWY#61B IN TRAILER PARK;(32930-53572),0.4KM,130DEG/SOURCE

TIME	CO	H2S	SO2	NOX
	NO2	NO	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
12:30----13:00	5.0E-02	1.2E-02	1.6E-04	7.0E-02
	1.5E-02	6.4E-02	3.2E-02	1.8E-02
	13	28	994	10
	354			

STATISTICS

NUMBER OF READINGS 44

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.36E+00	3.60E-02	2.05E-01	2.94E-06	3.23E+01
H2S	9.82E-03	1.78E-02	1.19E-02	1.68E-03	1.18E-02	1.13E+00
SO2	1.00E-06	1.17E-03	2.83E-04	3.41E-04	2.25E-05	2.38E+01
NOX	4.85E-02	1.29E-01	6.67E-02	1.84E-02	6.48E-02	1.25E+00
NO2	6.31E-03	5.67E-02	1.48E-02	9.50E-03	1.32E-02	1.53E+00
NO	4.21E-02	1.23E-01	6.02E-02	1.37E-02	5.90E-02	1.22E+00
OZONE	8.40E-03	3.69E-02	3.18E-02	6.41E-03	3.08E-02	1.36E+00
SOLAR RAD	1.36E-02	2.34E-02	1.86E-02	3.00E-03	1.83E-02	1.18E+00
TEMP	12	13	13	0		
HUMIDITY	27	32	29	1	29	1
BAROMETER	994	994	994	0	994	1
WIND SPEED	3	18	10	3	10	1

THUNDER BAY II #4

DATE: OCT 21 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: HWY #61B;(32900-535680),0.6KM, 220 DEG/SOURCE

TIME	CO NO2 TEMP WIND DIRECTION	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED
13:21----13:51	2.1E-02 1.3E-02 15 332	9.6E-03 1.4E-02 27	3.7E-01 2.9E-02 994	2.6E-02 2.9E-02 11
13:36----14:06	1.2E-02 1.4E-02 15 333	8.7E-03 2.3E-02 25	4.8E-02 3.1E-02 994	3.5E-02 2.7E-02 10
13:51----14:21	1.0E-06 1.3E-02 15 324	8.9E-03 3.4E-02 24	3.3E-02 3.4E-02 994	4.2E-02 2.9E-02 11

STATISTICS

NUMBER OF READINGS 66

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	3.39E-01	1.15E-02	5.51E-02	2.32E-06	2.00E+01
H2S	1.00E-06	1.55E-02	9.18E-03	2.33E-03	7.89E-03	3.17E+00
SO2	7.88E-03	3.20E+00	1.85E-01	5.16E-01	4.62E-02	3.83E+00
NOX	1.74E-02	7.34E-02	3.70E-02	1.29E-02	3.48E-02	1.42E+00
NO2	7.23E-03	2.48E-02	1.35E-02	4.01E-03	1.30E-02	1.34E+00
NO	5.56E-03	5.38E-02	2.62E-02	1.37E-02	2.21E-02	1.89E+00
OZONE	1.70E-02	3.91E-02	3.11E-02	4.66E-03	3.07E-02	1.18E+00
SOLAR RAD	1.42E-02	4.95E-02	2.99E-02	9.89E-03	2.82E-02	1.42E+00
TEMP	14	17	15	1		
HUMIDITY	0	31	25	4	20	8
BAROMETER	994	995	994	0	994	1
WIND SPEED	4	22	12	4	11	1

THUNDER BAY II #6

DATE: OCT 21 1977
SCAN TIME: 30 SEC
AVERAGING TIME: 30 MIN
LOCATION: MT. MCKAY SKI AREA;(32950-53570),0.7KM, 135 DEG/SOURCE

TIME	CO NO2 TEMP WIND DIRECTION	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED
16:41----17:11	3.5E-01 1.4E-02 16 305	1.4E-02 1.1E-02 19	8.3E-03 3.5E-02 994	2.5E-02 2.1E-02 12
16:56----17:26	2.4E-01 1.3E-02 16 296	1.3E-02 1.0E-02 19	1.5E-02 3.7E-02 994	2.2E-02 1.7E-02 12
17:11----17:41	1.1E-01 1.0E-02 15 283	1.3E-02 8.9E-03 19	2.3E-02 3.8E-02 994	1.8E-02 1.4E-02 11
17:26----17:56	1.1E-01 1.3E-02 15 278	1.4E-02 9.6E-03 21	1.9E-02 3.7E-02 994	2.3E-02 8.9E-03 9
17:41----18:11	6.1E-02 1.6E-02 14 284	1.5E-02 1.2E-02 22	1.3E-02 3.4E-02 994	2.9E-02 5.2E-03 8
17:56----18:26	9.7E-02 1.8E-02 13 296	1.6E-02 1.6E-02 24	1.6E-02 2.9E-02 994	3.4E-02 3.6E-03 8
18:11----18:41	1.0E+00 1.7E-02 13 294	1.5E-02 1.9E-02 24	2.6E-02 2.9E-02 994	8.6E-02 1.9E-03 7
18:26----18:56	1.1E+00 1.8E-02 12 308	1.2E-02 2.3E-02 26	2.3E-02 2.8E-02 995	4.0E-02 9.7E-04 5
18:41----19:11	2.2E+00 2.7E-02 11 325	1.3E-02 3.0E-02 30	1.7E-02 2.4E-02 995	5.6E-02 4.0E-04 4
18:56----19:26	3.1E+00 3.3E-02 11 314	1.4E-02 7.3E-02 32	3.0E-02 1.8E-02 995	9.9E-02 7.1E-05 2

STATISTICS

NUMBER OF READINGS 345

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.04E+02	1.26E+00	7.05E+00	6.17E-04	6.58E+02
H2S	1.00E-06	2.42E-02	1.40E-02	2.81E-03	1.34E-02	1.74E+00
SO2	4.49E-03	6.25E-02	2.03E-02	1.42E-02	1.61E-02	1.97E+00
NOX	1.28E-02	2.76E-01	4.94E-02	5.27E-02	3.55E-02	2.67E+00
NO2	1.00E-06	1.36E-01	1.94E-02	1.77E-02	1.43E-02	3.30E+00
NO	3.60E-03	2.84E-01	3.30E-02	5.03E-02	1.71E-02	2.77E+00
OZONE	8.70E-03	4.98E-02	2.98E-02	8.51E-03	2.82E-02	1.42E+00
SOLAR RAD	1.00E-06	2.33E-02	7.24E-03	7.77E-03	1.24E-03	2.40E+01
TEMP	6	17	13	2		
HUMIDITY	0	34	24	5	21	4
BAROMETER	993	996	994	1	994	1
WIND SPEED	0	28	8	6	2	82

THUNDER BAY II #7

DATE: OCT 21 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: MT. MCKAY SKI AREA:(32950-53570),0.7KM, 135 DEG/SOURCE

TIME	CO NO2 TEMP WIND DIRECTION	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED
19:59----20:29	3.6E+00 3.5E-02 9 2	1.5E-02 2.5E-01 36	1.5E-02 2.1E-02 996	2.5E-01 1.0E-06 2
20:14----20:44	3.9E+00 3.8E-02 9 349	1.2E-02 2.5E-01 37	9.3E-03 2.0E-02 996	2.5E-01 1.0E-06 2
20:29----20:59	1.7E+00 3.6E-02 8 324	1.2E-02 2.6E-01 38	4.0E-02 1.9E-02 997	2.5E-01 1.0E-06 1
20:44----21:14	1.4E-02 2.9E-02 8 174	1.2E-02 2.2E-01 40	4.7E-02 1.9E-02 997	2.2E-01 1.0E-06 0
20:59----21:29	1.4E-02 2.2E-02 7 195	1.2E-02 1.7E-01 40	1.6E-02 2.4E-02 997	1.7E-01 1.0E-06 1
21:14----21:44	8.5E-02 1.8E-02 7 205	1.1E-02 1.4E-01 39	6.7E-03 3.0E-02 997	1.4E-01 1.0E-06 2
21:29----21:59	4.3E+00 2.0E-02 8 208	1.2E-02 1.8E-01 39	6.2E-03 3.0E-02 997	1.7E-01 1.0E-06 1
21:44----22:14	5.3E+00 2.6E-02 8 203	1.2E-02 2.4E-01 40	6.5E-03 2.7E-02 998	2.2E-01 1.0E-06 0
21:59----22:29	2.0E+00 3.0E-02 8 326	1.2E-02 3.4E-01 41	6.8E-03 2.4E-02 998	3.0E-01 1.0E-06 0
22:14----22:44	3.0E+00 3.3E-02 7 342	1.1E-02 4.4E-01 44	8.5E-03 2.0E-02 998	3.8E-01 1.0E-06 0
22:29----22:59	3.0E+00 4.8E-02 7 16	1.1E-02 4.0E-01 47	1.1E-02 1.8E-02 998	3.8E-01 1.0E-06 1
22:44----23:14	1.2E+00 5.9E-02 7 356	1.2E-02 3.3E-01 48	9.6E-03 1.8E-02 999	3.4E-01 1.0E-06 2

THUNDER BAY II #7, CONT'D

TIME	CO NO2 TEMP WIND DIRECTION	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED
22:59----23:29	7.9E-01 5.5E-02 7 339	1.2E-02 3.4E-01 49	7.8E-03 1.6E-02 999	3.4E-01 1.0E-06 1
23:14----23:44	6.7E-01 4.0E-02 6 185	1.2E-02 3.8E-01 51	7.3E-03 1.6E-02 999	3.5E-01 1.0E-06 0
23:29----23:59	1.3E-01 2.7E-02 5 174	1.1E-02 3.1E-01 53	5.6E-03 1.9E-02 999	2.8E-01 1.0E-06 0
23:44----00:14	2.9E-05 2.4E-02 5 170	1.2E-02 2.3E-01 54	1.2E-02 2.1E-02 1000	2.2E-01 1.0E-06 0
23:59----00:29	2.9E-05 2.1E-02 5 195	1.2E-02 2.1E-01 55	1.3E-02 2.1E-02 1000	2.0E-01 1.0E-06 1
00:14----00:44	2.9E-05 2.0E-02 5 198	1.2E-02 1.9E-01 57	5.4E-03 2.2E-02 1000	1.8E-01 1.0E-06 2
00:29----00:59	2.9E-05 1.9E-02 4 196	1.2E-02 1.8E-01 58	4.3E-03 2.2E-02 1000	1.7E-01 1.0E-06 2
00:44----01:14	4.4E-01 2.1E-02 4 190	1.2E-02 1.8E-01 58	4.1E-03 2.3E-02 1000	1.7E-01 1.0E-06 2
00:59----01:29	7.4E-01 2.1E-02 4 177	1.2E-02 1.8E-01 58	4.1E-03 2.3E-02 1000	1.7E-01 1.0E-06 1
01:14----01:44	3.6E-01 1.6E-02 4 168	1.2E-02 1.9E-01 59	3.8E-03 2.4E-02 1001	1.7E-01 1.0E-06 1
01:29----01:59	2.9E-01 1.7E-02 4 178	1.2E-02 2.2E-01 59	4.1E-03 2.5E-02 1001	1.9E-01 1.0E-06 0
01:44----02:14	2.3E-01 1.7E-02 3 185	1.1E-02 2.4E-01 60	6.5E-03 2.6E-02 1001	2.1E-01 1.0E-06 0
01:59----02:29	1.9E-03 1.5E-02 3 152	1.1E-02 2.1E-01 62	5.6E-03 2.6E-02 1001	1.9E-01 1.0E-06 1

THUNDER BAY II #7, CONT'D

TIME	CO NO2 TEMP WIND DIRECTION	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED
02:14----02:44	1.9E-03 1.5E-02 3 134	1.1E-02 1.8E-01 63	3.3E-03 2.5E-02 1001	1.7E-01 1.0E-06 1
02:29----02:59	3.0E-05 1.5E-02 3 150	1.1E-02 1.8E-01 62	3.1E-03 2.6E-02 1001	1.6E-01 1.0E-06 1
02:44----03:14	3.0E-05 1.6E-02 3 189	1.1E-02 1.8E-01 63	2.8E-03 2.5E-02 1001	1.6E-01 1.0E-06 1
02:59----03:29	3.0E-05 1.5E-02 2 185	1.1E-02 1.8E-01 64	2.5E-03 2.5E-02 1002	1.6E-01 1.0E-06 1
03:14----03:44	1.4E+00 2.5E-02 2 165	1.1E-02 2.6E-01 65	2.9E-02 2.0E-02 1002	2.3E-01 1.0E-06 0
03:29----03:59	1.4E+00 2.6E-02 2 194	1.1E-02 3.7E-01 65	3.8E-02 1.9E-02 1002	3.2E-01 1.0E-06 0
03:44----04:14	3.4E-05 1.8E-02 2 201	1.1E-02 3.6E-01 63	1.4E-02 2.3E-02 1002	3.1E-01 1.0E-06 2
03:59----04:29	3.4E-05 1.8E-02 2 201	1.1E-02 3.0E-01 62	5.9E-03 2.4E-02 1003	2.6E-01 1.0E-06 4
04:14----04:44	3.4E-05 1.8E-02 3 201	1.0E-02 2.8E-01 61	4.6E-03 2.4E-02 1003	2.5E-01 1.0E-06 3
04:29----04:59	3.4E-05 1.8E-02 3 206	1.0E-02 2.6E-01 61	4.0E-03 2.4E-02 1003	2.4E-01 1.0E-06 2
04:44----05:14	3.4E-05 1.7E-02 3 201	9.9E-03 2.4E-01 61	3.6E-03 2.4E-02 1003	2.2E-01 1.0E-06 4
04:59----05:29	3.4E-05 1.6E-02 3 192	9.9E-03 2.1E-01 61	3.2E-03 2.4E-02 1003	1.9E-01 1.0E-06 6
05:14----05:44	3.4E-05 1.5E-02 2 191	1.0E-02 1.7E-01 62	3.0E-03 2.4E-02 1003	1.5E-01 1.0E-06 6

THUNDER BAY II #7, CONT'D

TIME	CO NO2 TEMP WIND DIRECTION	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED
05:29-----05:59	3.4E-05 1.6E-02 2 198	9.9E-03 1.8E-01 62	2.8E-03 2.4E-02 1004	1.6E-01 1.0E-06 5
05:44-----06:14	3.4E-05 1.7E-02 2 200	9.5E-03 2.1E-01 63	2.6E-03 2.3E-02 1004	1.9E-01 1.0E-06 3
05:59-----06:29	3.4E-05 1.8E-02 2 189	9.3E-03 2.5E-01 64	2.5E-03 2.3E-02 1004	2.2E-01 1.0E-06 1
06:14-----06:44	3.4E-05 1.8E-02 2 156	9.3E-03 2.8E-01 65	2.4E-03 2.2E-02 1004	2.5E-01 1.0E-06 1
06:29-----06:59	2.5E-01 2.4E-02 2 123	9.2E-03 2.9E-01 67	2.2E-02 1.7E-02 1004	2.6E-01 1.0E-06 1
06:44-----07:14	3.9E+00 4.6E-02 1 110	9.5E-03 5.2E-01 69	7.1E-02 9.6E-03 1004	4.5E-01 1.0E-06 0
06:59-----07:29	4.7E+00 6.6E-02 1 344	9.7E-03 7.3E-01 72	6.5E-02 9.2E-03 1005	6.5E-01 1.0E-06 1
07:14-----07:44	3.1E+00 5.9E-02 1 336	9.4E-03 7.0E-01 72	2.4E-02 1.1E-02 1005	6.3E-01 1.0E-06 1
07:29-----07:59	2.0E+00 3.8E-02 1 174	8.8E-03 6.3E-01 71	1.5E-02 1.2E-02 1005	5.5E-01 1.0E-06 1
07:44-----08:14	4.0E-05 2.6E-02 1 161	8.6E-03 5.0E-01 70	9.4E-03 1.6E-02 1005	4.4E-01 1.1E-05 2
07:59-----08:29	4.0E-05 2.2E-02 1 168	9.0E-03 4.0E-01 69	6.1E-03 1.8E-02 1006	3.6E-01 1.1E-04 2
08:14-----08:44	3.5E-01 2.1E-02 1 202	9.3E-03 4.1E-01 69	5.3E-03 1.7E-02 1006	3.4E-01 4.5E-04 0
08:29-----08:59	3.5E-01 2.2E-02 1 202	9.1E-03 4.5E-01 70	4.5E-03 1.7E-02 1006	3.8E-01 1.1E-03 0

THUNDER BAY II #7, CONT'D

TIME	CO NO2 TEMP WIND DIRECTION	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED
08:44----09:14	4.1E-05 2.3E-02 1 191	8.3E-03 4.5E-01 72	3.8E-03 1.7E-02 1006	4.0E-01 1.7E-03 1
08:59----09:29	5.2E-01 2.4E-02 1 178	7.1E-03 4.5E-01 72	1.3E-02 1.6E-02 1006	3.8E-01 1.9E-03 0

STATISTICS

NUMBER OF READINGS 810

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.04E+02	9.55E-01	5.50E+00	1.52E-05	2.55E+02
H2S	3.43E-03	2.36E-02	1.08E-02	1.84E-03	1.06E-02	1.19E+00
SO2	2.18E-03	1.86E-01	1.21E-02	2.23E-02	6.72E-03	2.45E+00
NOX	1.18E-01	9.05E-01	2.73E-01	1.28E-01	2.50E-01	1.50E+00
NO2	1.00E-06	3.59E-01	2.61E-02	2.40E-02	1.59E-02	6.91E+00
NO	1.19E-01	1.12E+00	3.01E-01	1.52E-01	2.72E-01	1.54E+00
OZONE	1.15E-03	3.26E-02	2.10E-02	5.37E-03	2.00E-02	1.42E+00
SOLAR RAD	1.00E-06	2.39E-03	1.15E-04	4.32E-04	1.92E-06	7.31E+00
TEMP	1	9	4	3		
HUMIDITY	34	74	58	11	57	1
BAROMETER	996	1007	1001	3	1001	1
WIND SPEED	0	12	1	2	0	698

THUNDER BAY II #8

DATE: OCT 22 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: HWY #61B IN TRAILER PARK;(32930-53572),0.4KM, 130 DEG/SOURCE

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
12:06----12:36	1.0E-06 1.5E-01 44	9.1E-03 2.2E-02 1008	1.1E-01 3.4E-02 4	1.9E-02 9 356
12:21----12:51	1.0E-06 2.0E-01 43	8.5E-03 2.2E-02 1008	1.3E-01 3.8E-02 6	1.6E-02 9 4
12:36----13:06	1.7E-03 3.0E-01 41	3.5E-03 2.2E-02 1008	2.3E-01 3.8E-02 6	4.2E-02 9 10
12:51----13:21	3.9E-03 4.0E-01 41	3.5E-03 2.2E-02 1008	3.3E-01 2.7E-02 6	5.9E-02 10 2
13:06----13:36	4.1E-03 4.2E-01 40	3.0E-03 2.1E-02 1008	3.3E-01 3.9E-02 4	5.5E-02 10 354
13:21----13:51	3.1E-03 3.5E-01 39	2.2E-03 2.4E-02 1008	2.8E-01 4.7E-02 5	4.6E-02 10 10
13:36----14:06	2.4E-03 2.8E-01 39	1.5E-03 2.6E-02 1008	2.5E-01 4.7E-02 7	4.1E-02 10 11

STATISTICS

NUMBER OF READINGS 129

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	5.91E-03	1.92E-03	1.90E-03	1.01E-04	5.33E+01
SO2	1.60E-04	6.47E-02	3.98E-03	7.65E-03	2.23E-03	2.82E+00
NOX	1.47E-02	1.00E+00	2.25E-01	1.52E-01	1.84E-01	1.91E+00
NO2	1.00E-06	6.06E-01	3.83E-02	7.55E-02	2.23E-03	8.02E+01
NO	1.06E-02	1.42E+00	2.81E-01	1.97E-01	2.27E-01	1.99E+00
OZONE	4.92E-03	2.86E-02	2.30E-02	4.60E-03	2.23E-02	1.30E+00
SOLAR RAD	1.25E-02	8.15E-02	4.06E-02	1.89E-02	3.58E-02	1.69E+00
TEMP	9	11	10	1		
HUMIDITY	35	46	41	2	41	1
BAROMETER	1007	1008	1008	0	1008	1
WIND SPEED	0	15	6	4	2	39

THUNDER BAY II #9

DATE: OCT 22 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: MOSQUITO CR. BRIDGE:(32860-53567),0.9KM, 220DEG/SOURCE

TIME	H2S	SO2	NOX	NO2
	NO	OZONE	SOLAR RAD	TEMP
	HUMIDITY	BAROMETER	WIND SPEED	WIND DIRECTI
14:31----15:01	1.5E-03	2.6E-03	2.3E-01	4.4E-02
	2.5E-01	2.2E-02	3.8E-02	11
	34	1008	7	46
14:46----15:16	1.1E-03	1.3E-03	1.8E-01	2.2E-02
	2.2E-01	2.5E-02	3.7E-02	10
	36	1007	9	56
15:01----15:31	1.9E-04	7.4E-04	1.6E-01	1.6E-02
	2.0E-01	2.6E-02	3.5E-02	9
	38	1007	10	66
15:16----15:46	1.0E-06	7.3E-04	1.6E-01	1.8E-02
	1.9E-01	2.7E-02	3.4E-02	10
	37	1007	7	70
15:31----16:01	1.0E-06	1.5E-03	2.1E-01	1.9E-02
	2.9E-01	2.6E-02	3.2E-02	10
	36	1007	4	64
15:46----16:16	1.0E-06	1.4E-03	2.4E-01	1.7E-02
	3.3E-01	2.7E-02	2.9E-02	10
	36	1007	4	65
16:01----16:31	1.0E-06	5.6E-04	2.3E-01	1.8E-02
	2.9E-01	2.8E-02	2.7E-02	10
	36	1007	5	62
16:16----16:46	1.0E-06	4.5E-04	2.0E-01	1.3E-02
	2.6E-01	2.1E-02	1.8E-02	7
	28	772	4	61
16:31----17:01	1.0E-06	2.4E-04	1.5E-01	9.2E-03
	1.9E-01	1.3E-02	8.2E-03	4
	17	470	2	70
16:46----17:16	1.0E-06	2.6E-04	2.6E-01	2.1E-02
	3.2E-01	1.9E-02	8.1E-03	6
	27	705	2	93
17:01----17:31	7.2E-06	5.3E-04	4.4E-01	4.7E-02
	5.5E-01	2.7E-02	9.0E-03	9
	38	1008	2	95
17:16----17:46	2.4E-05	4.4E-04	4.9E-01	4.6E-02
	6.4E-01	2.7E-02	5.7E-03	9
	39	1008	2	94

STATISTICS

NUMBER OF READINGS 207

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	7.67E-03	2.72E-04	9.99E-04	2.61E-06	1.18E+01
SO2	1.00E-06	7.99E-03	1.08E-03	1.41E-03	2.31E-04	1.63E+01
NOX	1.00E-06	1.00E+00	2.80E-01	1.64E-01	1.01E-01	2.93E+01
NO2	1.00E-06	4.29E-01	2.61E-02	4.90E-02	1.67E-03	8.04E+01
NO	1.00E-06	1.42E+00	3.67E-01	2.74E-01	1.26E-01	3.14E+01
OZONE	1.00E-06	3.08E-02	2.37E-02	8.11E-03	1.15E-02	1.52E+01
SOLAR RAD	1.00E-06	4.07E-02	2.21E-02	1.38E-02	8.69E-03	1.57E+01
TEMP	0	14	9	3		
HUMIDITY	0	42	34	10	9	121
BAROMETER	0	1009	930	270	203	257
WIND SPEED	0	19	5	4	0	268

THUNDER BAY II #10

DATE: OCT 22 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 30 MIN
LOCATION: MCKAY SKI AREA;(32950-53570),0.7KM, 135DEG/SOURCE

TIME	H2S	SO2	NOX	NO2
	NO	OZONE	SOLAR RAD	TEMP
	HUMIDITY	BAROMETER	WIND SPEED	WIND DIRECTI
18:15----18:45	3.2E-03	1.0E-06	1.7E-01	1.1E-02
	2.2E-01	2.8E-02	2.7E-03	7
	49	1006	4	140
18:30----19:00	3.0E-03	1.0E-06	1.3E-01	8.0E-03
	1.6E-01	2.8E-02	1.5E-03	7
	53	1006	3	140
18:45----19:15	2.9E-03	1.0E-06	8.2E-02	6.6E-03
	1.0E-01	2.8E-02	4.6E-04	7
	56	1007	3	142
19:00----19:30	2.5E-03	1.8E-05	6.9E-02	6.3E-03
	8.4E-02	2.8E-02	7.1E-05	6
	58	1007	4	152
19:15----19:45	2.1E-03	2.2E-04	7.6E-02	9.1E-03
	9.1E-02	2.7E-02	2.6E-06	6
	59	1007	4	164
19:30----20:00	1.8E-03	5.7E-04	7.4E-02	9.0E-03
	8.7E-02	2.7E-02	1.0E-06	6
	60	1007	5	173
19:45----20:15	1.4E-03	7.6E-04	7.3E-02	1.1E-02
	8.3E-02	2.8E-02	1.0E-06	6
	61	1007	6	168
20:00----20:30	1.0E-03	1.0E-03	1.2E-01	1.9E-02
	1.4E-01	2.6E-02	1.0E-06	6
	62	1007	4	166
20:15----20:45	8.4E-04	1.6E-03	2.9E-01	6.7E-02
	3.1E-01	2.4E-02	1.0E-06	5
	64	1007	1	200
20:30----21:00	8.2E-04	2.4E-03	5.3E-01	1.0E-01
	6.5E-01	2.2E-02	1.0E-06	5
	67	1007	0	210
20:45----21:15	5.4E-04	2.1E-03	6.1E-01	6.3E-02
	8.0E-01	2.0E-02	1.0E-06	4
	70	1007	1	210
21:00----21:30	3.9E-04	1.9E-03	6.4E-01	5.5E-02
	8.0E-01	1.8E-02	1.0E-06	4
	71	1007	1	201
21:15----21:45	5.4E-04	1.8E-03	7.0E-01	5.5E-02
	8.7E-01	1.8E-02	1.0E-06	4
	73	1007	0	198
21:30----22:00	3.1E-04	9.2E-04	6.4E-01	3.2E-02
	8.3E-01	2.3E-02	1.0E-06	4
	75	1007	0	229
21:45----22:15	6.8E-06	4.6E-04	5.6E-01	3.0E-02
	7.3E-01	2.5E-02	1.0E-06	4
	76	1007	0	228

THUNDER BAY II #10, CONT'D

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
22:00----22:30	1.0E-06 7.2E-01 77	6.0E-04 2.4E-02 1008	5.5E-01 1.0E-06 1	3.0E-02 4 258
22:15----22:45	1.0E-06 7.7E-01 78	1.0E-03 2.3E-02 1008	5.8E-01 1.0E-06 2	3.1E-02 3 257
22:30----23:00	1.0E-06 8.3E-01 80	8.5E-04 2.2E-02 1008	6.2E-01 1.0E-06 1	3.5E-02 3 254
22:45----23:15	1.0E-06 9.1E-01 81	5.0E-04 2.0E-02 1008	7.0E-01 1.0E-06 0	6.5E-02 3 246
23:00----23:30	1.0E-06 9.9E-01 81	3.4E-04 1.7E-02 1008	7.8E-01 1.0E-06 0	6.9E-02 3 237
23:15----23:45	1.0E-06 1.1E+00 82	5.7E-04 1.1E-02 1008	8.3E-01 1.0E-06 0	5.8E-02 3 243
23:30----00:00	4.0E-05 1.2E+00 83	2.1E-03 4.9E-03 1008	9.3E-01 1.0E-06 0	8.3E-02 3 254
23:45----00:15	5.1E-05 1.4E+00 83	2.4E-03 5.5E-03 1008	1.0E+00 1.0E-06 0	8.9E-02 2 257
00:00----00:30	1.0E-04 1.4E+00 84	1.3E-03 8.9E-03 1008	1.0E+00 1.0E-06 0	8.0E-02 2 66
00:15----00:45	4.2E-04 1.4E+00 84	9.4E-04 1.2E-02 1008	1.0E+00 1.0E-06 0	7.6E-02 2 72
00:30----01:00	7.7E-04 1.4E+00 84	3.9E-04 1.4E-02 1008	1.0E+00 1.0E-06 0	7.7E-02 2 76
00:45----01:15	8.9E-04 1.4E+00 86	1.0E-06 1.2E-02 1008	1.0E+00 1.0E-06 0	9.7E-02 1 251
01:00----01:30	5.0E-04 1.4E+00 88	1.2E-05 6.7E-03 1008	1.0E+00 1.0E-06 0	1.1E-01 1 252
01:15----01:45	5.1E-05 1.4E+00 88	2.5E-05 3.7E-03 1008	1.0E+00 1.0E-06 0	1.1E-01 1 262
01:30----02:00	1.1E-04 1.4E+00 88	1.5E-05 4.3E-03 1008	1.0E+00 1.0E-06 0	1.0E-01 1 266
01:45----02:15	5.7E-04 1.4E+00 90	8.3E-04 4.7E-03 1008	1.0E+00 1.0E-06 0	1.5E-01 0 262
02:00----02:30	6.0E-04 1.4E+00 92	1.1E-03 3.6E-03 1008	1.0E+00 1.0E-06 0	1.7E-01 0 253

THUNDER BAY II #10, CONT'D

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
02:15----02:45	1.7E-04 1.4E+00 93	2.5E-04 6.0E-03 1009	1.0E+00 1.0E-06 1	9.5E-02 0 249
02:30----03:00	9.5E-05 1.3E+00 95	1.0E-06 8.8E-03 1008	9.8E-01 1.0E-06 1	7.0E-02 -0 251
02:45----03:15	1.4E-04 1.2E+00 96	1.0E-06 1.0E-02 1008	9.6E-01 1.0E-06 1	6.1E-02 -0 252
03:00----03:30	6.6E-05 1.3E+00 96	1.0E-06 9.0E-03 1008	9.7E-01 1.0E-06 0	6.2E-02 -1 258
03:15----03:45	5.1E-05 1.3E+00 95	1.0E-06 5.6E-03 1008	9.9E-01 1.0E-06 0	8.2E-02 -1 267
03:30----04:00	2.7E-04 1.3E+00 95	1.0E-06 5.2E-03 1008	9.9E-01 1.0E-06 1	8.7E-02 -1 261
03:45----04:15	4.4E-04 1.3E+00 97	1.0E-06 7.7E-03 1008	9.6E-01 1.4E-06 2	6.3E-02 -1 255
04:00----04:30	2.2E-04 1.1E+00 99	1.0E-06 9.9E-03 1008	8.6E-01 1.4E-06 2	4.8E-02 -1 259
04:15----04:45	1.0E-06 1.1E+00 98	5.0E-05 7.8E-03 1008	8.5E-01 1.0E-06 2	8.4E-02 -1 263
04:30----05:00	6.2E-05 1.1E+00 98	5.0E-05 9.4E-03 1008	8.6E-01 2.1E-06 2	8.3E-02 -1 253
04:45----05:15	7.6E-05 8.9E-01 99	1.0E-06 1.3E-02 1008	6.9E-01 2.1E-06 3	3.7E-02 -1 257
05:00----05:30	3.7E-05 6.5E-01 98	1.0E-06 1.4E-02 1008	5.0E-01 1.0E-06 4	2.8E-02 -1 265
05:15----05:45	2.4E-05 6.1E-01 96	9.8E-05 1.2E-02 1008	4.4E-01 1.0E-06 3	2.7E-02 -1 266
05:30----06:00	1.0E-06 7.9E-01 95	9.8E-05 1.1E-02 1008	5.7E-01 1.0E-06 1	3.4E-02 -1 263
05:45----06:15	1.0E-06 1.0E+00 96	1.0E-06 1.3E-02 1008	8.0E-01 1.0E-06 1	4.4E-02 -1 242
06:00----06:30	1.0E-06 1.2E+00 97	1.0E-06 1.3E-02 1008	8.9E-01 1.0E-06 1	4.8E-02 -2 254
06:15----06:45	1.0E-06 1.1E+00 96	1.0E-06 9.9E-03 1008	8.3E-01 1.0E-06 1	4.5E-02 -2 264

THUNDER BAY II #10, CONT'D PAGE 4

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
06:30-----07:00	1.0E-06 1.2E+00 95	1.3E-05 6.0E-03 1008	8.7E-01 1.0E-06 1	7.1E-02 -2 273
06:45-----07:15	1.0E-06 1.4E+00 94	1.3E-05 4.1E-03 1008	9.8E-01 1.0E-06 0	7.6E-02 -2 269
07:00-----07:30	1.0E-06 1.4E+00 94	1.0E-06 5.2E-03 1008	1.0E+00 1.0E-06 1	7.0E-02 -3 260
07:15-----07:45	1.0E-06 1.4E+00 96	1.0E-06 7.4E-03 1008	1.0E+00 1.0E-06 1	9.2E-02 -3 258
07:30-----08:00	1.0E-06 1.4E+00 97	1.0E-06 7.5E-03 1008	1.0E+00 1.0E-06 1	9.3E-02 -3 261
07:45-----08:15	1.0E-06 1.4E+00 97	1.0E-06 7.6E-03 1008	1.0E+00 1.8E-06 1	9.1E-02 -3 260
08:00-----08:30	1.0E-06 1.4E+00 97	1.0E-06 8.2E-03 1008	1.0E+00 5.3E-05 1	8.6E-02 -3 257
08:15-----08:45	1.0E-06 1.4E+00 98	1.0E-06 8.6E-03 1008	9.9E-01 2.7E-04 3	7.2E-02 -3 258
08:30-----09:00	1.0E-06 1.2E+00 99	1.0E-06 8.9E-03 1008	8.7E-01 7.7E-04 4	5.5E-02 -3 257
08:45-----09:15	1.0E-06 8.5E-01 99	1.0E-06 9.6E-03 1008	6.6E-01 1.3E-03 3	3.9E-02 -2 254

STATISTICS

NUMBER OF READINGS 603

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	4.31E-03	4.79E-04	8.97E-04	1.20E-05	2.72E+01
SO2	1.00E-06	7.05E-03	4.53E-04	9.07E-04	1.26E-05	2.70E+01
NOX	5.66E-02	1.00E+00	7.26E-01	3.19E-01	5.87E-01	2.26E+0
NO2	1.00E-06	6.30E-01	6.12E-02	7.51E-02	2.31E-02	1.39E+01
NO	6.78E-02	1.42E+00	9.81E-01	4.56E-01	7.75E-01	2.37E+00
OZONE	5.18E-04	2.96E-02	1.38E-02	8.46E-03	1.08E-02	2.15E+00
SOLAR RAD	1.00E-06	3.40E-03	1.66E-04	5.58E-04	2.50E-06	9.93E+00
TEMP	-3	8	1	3		
HUMIDITY	43	101	84	14	83	1
BAROMETER	1006	1009	1008	1	1008	1
WIND SPEED	0	17	2	2	0	1074

THUNDER BAY II #11

DATE: OCT 23 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: MAIN GATE OF G.L.P.P.;(32905-43579),0.5KM, 5DEG/SOURCE

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
09:36----10:06	3.0E-02 5.2E-01 95	2.9E-03 2.9E-03 1009	4.3E-01 1.1E-02 3	5.8E-02 -1 271
09:51----10:21	4.8E-02 8.2E-01 91	4.6E-03 3.5E-03 1009	6.7E-01 1.5E-02 1	7.4E-02 -0 261
10:06----10:36	4.2E-02 7.6E-01 87	5.1E-03 3.7E-03 1009	6.0E-01 2.2E-02 0	6.4E-02 1 226
10:21----10:51	4.7E-02 4.6E-01 82	5.4E-03 6.3E-03 1008	3.7E-01 3.0E-02 0	4.8E-02 2 325

STATISTICS

NUMBER OF READINGS 80

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	9.91E-02	3.96E-02	2.07E-02	2.43E-02	8.01E+00
SO2	1.00E-06	7.57E-03	4.29E-03	1.81E-03	2.60E-03	7.02E+00
NOX	5.64E-02	9.49E-01	4.47E-01	2.62E-01	3.47E-01	2.24E+00
NO2	1.00E-06	2.63E-01	5.58E-02	5.63E-02	1.27E-02	3.36E+01
NO	4.70E-02	1.42E+00	5.57E-01	3.65E-01	4.05E-01	2.50E+00
OZONE	8.87E-04	1.65E-02	4.66E-03	3.18E-03	3.81E-03	1.88E+00
SOLAR RAD	3.03E-03	4.52E-02	2.04E-02	1.13E-02	1.68E-02	2.00E+00
TEMP	-16	3	1	2		
HUMIDITY	77	107	88	7	88	1
BAROMETER	1008	1010	1009	0	1009	1
WIND SPEED	0	13	2	3	0	626

THUNDER BAY II #12

DATE: OCT 23 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 30 MIN
LOCATION:
HWY #61B, .25 MILE W. RIFLE RGE;(33030-53578),1.1KM, 60DEG/SOURCE

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
11:12----11:42	1.1E-03 4.0E-01 74	1.1E-02 1.5E-02 1008	3.5E-01 2.9E-02 0	4.8E-02 5 269
11:27----11:57	2.9E-03 5.9E-01 70	7.3E-03 1.3E-02 1008	4.9E-01 2.1E-02 0	4.9E-02 6 250
11:42----12:12	4.4E-03 6.0E-01 68	5.6E-03 1.1E-02 1008	4.6E-01 2.4E-02 0	6.4E-02 6 349
11:57----12:27	4.3E-03 5.3E-01 61	7.1E-03 1.4E-02 1008	3.9E-01 4.4E-02 0	6.2E-02 8 349
12:12----12:42	3.3E-03 5.1E-01 53	8.0E-03 1.7E-02 1008	3.9E-01 5.3E-02 0	4.5E-02 11 316
12:27----12:57	4.2E-03 4.1E-01 48	7.3E-03 2.2E-02 1007	3.6E-01 5.1E-02 0	4.5E-02 12 293
12:42----13:12	7.6E-03 3.0E-01 42	5.8E-03 2.5E-02 1007	2.8E-01 5.3E-02 2	4.0E-02 12 223

STATISTICS

NUMBER OF READINGS 84

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.42E-02	4.46E-03	3.44E-03	1.79E-03	1.27E+01
SO2	2.77E-03	1.57E-02	7.27E-03	2.77E-03	6.78E-03	1.46E+00
NOX	1.07E-01	8.37E-01	3.58E-01	1.55E-01	3.24E-01	1.60E+00
NO2	1.00E-06	2.78E-01	4.73E-02	6.11E-02	3.73E-03	9.35E+01
NO	1.23E-01	1.02E+00	4.38E-01	2.09E-01	3.87E-01	1.68E+00
OZONE	4.38E-03	3.04E-02	1.75E-02	7.26E-03	1.58E-02	1.62E+00
SOLAR RAD	1.11E-02	6.59E-02	4.04E-02	1.70E-02	3.57E-02	1.73E+00
TEMP	4	13	9	3		
HUMIDITY	2	83	58	14	55	2
BAROMETER	1007	1008	1008	0	1008	1
WIND SPEED	0	14	1	2	0	918

THUNDER BAY II #15

DATE: OCT 24 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION:
100M E OF G.L.P.P. MILL GATE;(34040-53713),0.4KM, 330 DEG.SOURCE

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
10:07----10:37	1.5E-02 2.7E-01 82	7.8E-03 4.6E-03 997	2.7E-01 6.5E-03 0	4.4E-02 7 10
10:22----10:52	1.8E-02 2.4E-01 77	6.3E-03 6.3E-02 997	2.5E-01 8.8E-03 0	5.8E-02 9 210
10:37----11:07	2.1E-02 3.7E-01 74	7.3E-03 1.4E-01 997	3.7E-01 9.7E-03 0	9.6E-02 10 200
10:52----11:22	1.5E-02 3.9E-01 71	7.8E-03 2.3E-01 997	3.8E-01 8.6E-03 0	8.4E-02 10 205
11:07----11:37	1.1E-02 3.3E-01 68	1.1E-02 2.4E-01 997	3.4E-01 7.3E-03 0	7.5E-02 11 200

STATISTICS

NUMBER OF READINGS 96

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	6.34E-03	3.53E-02	1.51E-02	6.41E-03	1.41E-02	1.44E+00
SO2	3.18E-03	2.61E-02	9.26E-03	4.96E-03	8.17E-03	1.64E+00
NOX	6.87E-02	9.27E-01	3.27E-01	2.11E-01	2.68E-01	1.91E+00
NO2	1.00E-06	6.11E-01	7.53E-02	1.20E-01	1.29E-03	2.07E+02
NO	6.55E-02	1.03E+00	3.19E-01	2.35E-01	2.53E-01	1.98E+00
OZONE	1.00E-06	5.30E-01	1.36E-01	1.50E-01	6.44E-03	1.48E+02
SOLAR RAD	3.47E-03	1.67E-02	7.78E-03	2.38E-03	7.47E-03	1.33E+00
TEMP	6	11	9	2		
HUMIDITY	63	91	74	7	74	1
BAROMETER	996	997	997	0	997	1
WIND SPEED	0	3	0	0	0	100

THUNDER BAY II #16

DATE: OCT 24 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION:
HWY #61 AT KAMINISTIKWIA RIVER;(32835-53572);0.9KM, 220 DEG/SOURCE

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
14:40----15:10	1.3E-02 6.5E-02 55	9.7E-03 1.9E-02 996	7.4E-02 3.4E-02 3	2.4E-02 15 35
14:55----15:25	1.4E-02 6.2E-02 54	8.8E-03 2.2E-02 996	7.0E-02 3.5E-02 4	1.9E-02 16 20
15:10----15:40	5.4E-03 7.1E-02 54	8.2E-03 2.6E-02 995	8.4E-02 3.4E-02 2	2.1E-02 16 40

STATISTICS

NUMBER OF READINGS 66

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	2.21E-02	8.34E-03	7.11E-03	2.53E-03	1.61E+01
SO2	6.77E-03	1.14E-02	8.78E-03	1.04E-03	8.72E-03	1.13E+00
NOX	2.67E-02	2.42E-01	8.20E-02	4.20E-02	7.30E-02	1.62E+00
NO2	1.00E-06	1.67E-01	2.22E-02	2.94E-02	1.81E-03	7.70E+01
NO	1.26E-02	2.43E-01	7.22E-02	4.76E-02	5.88E-02	1.94E+00
OZONE	8.46E-03	3.71E-02	2.36E-02	6.31E-03	2.29E-02	1.32E+00
SOLAR RAD	2.28E-02	4.54E-02	3.37E-02	4.22E-03	3.34E-02	1.14E+00
TEMP	14	16	15	1		
HUMIDITY	33	59	55	3	54	1
BAROMETER	995	996	996	0	996	1
WIND SPEED	0	12	4	3	2	17

THUNDER BAY II #17

DATE: OCT 24 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: CAN CAR LTD PROPERTY;(32945-53583);1KM, 20 DEG/SOURCE

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
16:18-----16:48	1.0E-06 3.1E-02 70	4.3E-03 3.8E-02 994	4.0E-02 1.0E-02 3	1.3E-02 12 121
16:33-----17:03	1.0E-06 5.8E-02 67	5.3E-03 3.8E-02 994	6.5E-02 1.1E-02 2	1.6E-02 13 163
16:48-----17:18	1.0E-06 9.3E-02 67	5.7E-03 4.0E-02 994	8.5E-02 8.0E-03 3	1.3E-02 13 131
17:03-----17:33	4.8E-06 8.2E-02 72	5.1E-03 4.1E-02 993	7.8E-02 5.5E-03 4	1.3E-02 12 109
17:18-----17:48	1.1E-05 5.6E-02 77	4.4E-03 3.8E-02 993	6.4E-02 5.0E-03 5	1.2E-02 11 91
17:33-----18:03	7.1E-06 4.9E-02 81	4.0E-03 3.6E-02 993	5.8E-02 3.6E-03 7	1.1E-02 11 74
17:48-----18:18	1.0E-06 4.1E-02 83	3.9E-03 3.5E-02 993	5.1E-02 3.0E-03 7	1.2E-02 10 66
18:03-----18:33	3.6E-04 3.6E-02 86	3.9E-03 3.5E-02 993	4.6E-02 2.2E-03 8	1.3E-02 10 69
18:18-----18:48	1.7E-03 2.9E-02 89	4.0E-03 3.4E-02 993	3.8E-02 7.8E-04 8	1.2E-02 9 72
18:33-----19:03	2.8E-03 3.1E-02 91	4.3E-03 3.3E-02 993	4.1E-02 1.5E-04 7	1.4E-02 9 70
18:48-----19:18	3.2E-03 3.1E-02 94	4.5E-03 3.3E-02 993	4.2E-02 1.2E-05 7	1.3E-02 9 71
19:03-----19:33	3.1E-03 2.5E-02 97	4.5E-03 3.2E-02 993	3.7E-02 1.1E-06 7	1.3E-02 9 66
19:18-----19:48	3.0E-03 2.3E-02 97	4.6E-03 3.0E-02 993	3.6E-02 1.3E-06 8	1.4E-02 9 63
19:33-----20:03	3.1E-03 2.0E-02 98	4.6E-03 3.3E-02 993	3.1E-02 4.1E-06 7	1.2E-02 9 70
19:48-----20:18	3.0E-03 1.7E-02 97	4.6E-03 3.3E-02 993	2.7E-02 4.1E-06 6	1.1E-02 9 72

THUNDER BAY II #17, CONT'D

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
20:03-----20:33	2.6E-03 2.3E-02 96	4.7E-03 3.1E-02 993	3.4E-02 1.3E-06 6	1.2E-02 9 67
20:18-----20:48	2.0E-03 2.9E-02 97	4.7E-03 3.2E-02 993	3.9E-02 1.1E-06 8	1.2E-02 9 70
20:33-----21:03	2.1E-03 2.5E-02 100	4.6E-03 3.4E-02 993	4.4E-02 1.1E-06 6	2.0E-02 9 77
20:48-----21:18	2.2E-03 1.6E-01 98	5.4E-03 3.2E-02 993	1.4E-01 1.5E-06 3	3.6E-02 9 85
21:03-----21:33	1.6E-03 2.4E-01 94	6.0E-03 3.1E-02 993	2.2E-01 1.5E-06 2	4.9E-02 9 75
21:18-----21:48	1.1E-03 2.5E-01 90	5.9E-03 3.2E-02 993	2.4E-01 1.8E-06 3	3.9E-02 10 61
21:33-----22:03	1.2E-03 2.5E-01 90	5.7E-03 3.1E-02 992	2.3E-01 2.3E-06 3	2.5E-02 10 83
21:48-----22:18	1.2E-03 2.3E-01 90	5.8E-03 3.0E-02 992	2.7E-01 1.5E-06 2	5.1E-02 10 98
22:03-----22:33	1.1E-03 2.3E-01 89	5.7E-03 3.0E-02 992	2.6E-01 1.1E-06 3	4.7E-02 10 78
22:18-----22:48	1.3E-03 1.6E-01 92	5.0E-03 3.0E-02 992	1.7E-01 1.1E-06 5	1.8E-02 10 81
22:33-----23:03	1.4E-03 1.2E-01 93	4.7E-03 2.5E-02 992	1.3E-01 1.1E-06 3	1.8E-02 10 81
22:48-----23:18	1.5E-03 1.8E-01 92	4.9E-03 2.0E-02 992	2.1E-01 1.1E-06 1	5.1E-02 10 106
23:03-----23:33	1.2E-03 2.5E-01 91	5.3E-03 1.3E-02 991	2.8E-01 1.1E-06 1	5.7E-02 10 40
23:18-----23:48	8.3E-04 3.0E-01 89	5.5E-03 3.5E-03 991	3.0E-01 1.1E-06 2	3.7E-02 9 8
23:33-----00:03	1.1E-03 3.3E-01 85	6.3E-03 1.6E-03 991	3.2E-01 1.1E-06 1	5.8E-02 10 285
23:48-----00:18	9.8E-04 2.6E-01 80	5.9E-03 1.9E-03 991	2.6E-01 1.1E-06 2	5.1E-02 11 304
00:03-----00:33	6.9E-04 1.9E-01 79	4.5E-03 9.3E-04 990	2.2E-01 1.1E-06 2	3.8E-02 11 324

THUNDER BAY II #17, CONT'D

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
00:18-----00:48	7.1E-04 1.7E-01 80	4.2E-03 1.4E-03 990	2.0E-01 1.1E-06 2	3.7E-02 11 326
00:33-----01:03	7.2E-04 1.4E-01 81	3.7E-03 2.1E-03 990	1.6E-01 1.1E-06 3	2.5E-02 10 324
00:48-----01:18	8.4E-04 1.4E-01 81	3.7E-03 1.8E-03 990	1.8E-01 1.1E-06 1	5.1E-02 10 324
01:03-----01:33	1.1E-03 2.8E-01 80	4.9E-03 8.9E-04 990	2.8E-01 1.1E-06 0	1.0E-01 11 318
01:18-----01:48	1.2E-03 3.6E-01 79	5.6E-03 5.2E-04 990	4.0E-01 1.1E-06 0	1.3E-01 11 121
01:33-----02:03	1.1E-03 3.8E-01 79	5.8E-03 4.7E-04 990	4.4E-01 1.1E-06 0	1.1E-01 11 215
01:48-----02:18	1.2E-03 4.2E-01 79	6.2E-03 4.0E-04 990	4.3E-01 1.1E-06 0	9.4E-02 11 227
02:03-----02:33	1.3E-03 4.3E-01 79	6.5E-03 7.7E-04 990	4.6E-01 1.1E-06 0	9.7E-02 11 356
02:18-----02:48	1.1E-03 4.6E-01 77	6.7E-03 1.5E-03 990	4.6E-01 1.1E-06 0	6.3E-02 11 356
02:33-----03:03	7.6E-04 3.9E-01 78	6.1E-03 1.7E-03 990	4.2E-01 1.1E-06 0	5.5E-02 11 81
02:48-----03:18	7.9E-04 3.5E-01 82	5.3E-03 1.2E-03 990	3.7E-01 1.1E-06 2	4.9E-02 11 62
03:03-----03:33	8.4E-04 3.3E-01 86	5.0E-03 9.5E-04 990	3.1E-01 1.1E-06 4	3.4E-02 10 81
03:18-----03:48	1.2E-03 2.9E-01 87	5.2E-03 2.2E-03 990	3.1E-01 1.1E-06 4	3.7E-02 10 74
03:33-----04:03	1.2E-03 2.6E-01 84	5.4E-03 5.3E-03 990	2.9E-01 1.1E-06 2	3.7E-02 10 18
03:48-----04:18	5.7E-04 2.2E-01 83	5.0E-03 3.8E-03 990	2.4E-01 1.1E-06 6	3.6E-02 10 333
04:03-----04:33	6.3E-04 2.0E-01 85	4.4E-03 3.1E-04 990	2.1E-01 1.1E-06 5	3.1E-02 10 329
04:18-----04:48	1.2E-03 2.3E-01 84	4.3E-03 3.1E-04 990	2.2E-01 1.1E-06 1	2.7E-02 10 324

THUNDER BAY II #17: CONT'D

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
04:33-----05:03	1.2E-03 2.2E-01 83	4.1E-03 2.5E-04 990	2.4E-01 1.1E-06 0	3.2E-02 10 311
04:48-----05:18	1.4E-03 2.7E-01 81	4.0E-03 2.7E-04 990	2.7E-01 1.1E-06 0	4.1E-02 11 305
05:03-----05:33	2.0E-03 3.1E-01 82	4.4E-03 2.6E-04 990	3.1E-01 1.1E-06 0	7.3E-02 11 160
05:19-----05:48	1.9E-03 3.2E-01 83	4.9E-03 3.0E-04 990	3.4E-01 1.1E-06 0	7.5E-02 11 162
05:33-----06:03	1.5E-03 3.1E-01 82	5.0E-03 3.1E-04 990	3.1E-01 1.3E-06 0	4.0E-02 11 174
05:48-----06:18	1.6E-03 2.6E-01 84	4.9E-03 2.4E-04 990	3.0E-01 2.8E-06 1	5.6E-02 11 164
06:03-----06:33	1.9E-03 3.2E-01 83	5.7E-03 2.7E-04 990	3.7E-01 1.0E-05 0	6.6E-02 11 156
06:18-----06:48	2.2E-03 4.9E-01 81	8.5E-03 3.0E-04 990	5.3E-01 4.0E-05 0	1.3E-01 11 119
06:33-----07:03	1.7E-03 5.4E-01 78	9.4E-03 4.2E-04 990	5.9E-01 9.6E-05 1	1.5E-01 11 331
06:48-----07:18	1.1E-03 4.0E-01 78	7.5E-03 4.0E-04 990	4.6E-01 2.0E-04 2	7.6E-02 11 329
07:03-----07:33	1.7E-03 3.9E-01 78	7.2E-03 3.1E-04 990	4.1E-01 3.3E-04 1	8.4E-02 11 326
07:18-----07:48	6.9E-03 3.2E-01 77	6.8E-03 3.3E-04 990	3.2E-01 4.2E-04 1	6.5E-02 11 318
07:33-----08:03	9.2E-03 1.4E-01 77	5.2E-03 3.5E-04 990	1.5E-01 4.5E-04 3	2.4E-02 11 315
07:48-----08:18	6.1E-03 1.0E-01 79	4.2E-03 3.8E-04 990	1.5E-01 5.0E-04 3	4.6E-02 11 316
08:03-----08:33	4.6E-03 1.9E-01 80	4.5E-03 4.4E-04 990	3.0E-01 6.2E-04 2	9.9E-02 11 319

STATISTICS

NUMBER OF READINGS 976

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.71E-02	1.66E-03	1.93E-03	3.87E-04	1.81E+01
SO2	3.42E-03	1.95E-02	5.18E-03	1.60E-03	5.01E-03	1.27E+00
NOX	1.65E-02	9.07E-01	2.27E-01	1.91E-01	1.55E-01	2.58E+00
NO2	1.00E-06	8.59E-01	4.55E-02	8.91E-02	1.29E-02	1.57E+01
NO	1.05E-02	9.88E-01	2.10E-01	1.94E-01	1.34E-01	2.87E+00
OZONE	8.21E-06	4.58E-02	1.47E-02	1.63E-02	3.12E-03	8.86E+00
SOLAR RAD	1.00E-06	1.33E-02	8.86E-04	2.46E-03	7.97E-06	2.60E+01
TEMP	8	13	10	1		
HUMIDITY	65	101	84	8	84	1
BAROMETER	989	994	991	1	991	1
WIND SPEED	0	13	3	3	0	695

THUNDER BAY II #18

DATE: OCT 25 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: CAN CAR LTD PROPERTY;(32945-53583),1KM, 20 DEG/SOURCE

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
11:18----11:48	8.9E-03 2.7E-02 87	1.9E-02 1.6E-02 990	5.2E-02 7.5E-03 9	2.4E-02 12 202
11:33----12:03	1.4E-03 1.9E-02 84	1.3E-02 1.8E-02 989	3.9E-02 1.0E-02 9	1.9E-02 12 206
11:48----12:18	1.0E-06 1.2E-02 81	8.9E-03 1.9E-02 989	2.8E-02 1.3E-02 9	1.7E-02 13 206
12:03----12:33	3.4E-04 8.2E-03 75	1.2E-02 2.1E-02 989	2.3E-02 2.5E-02 9	1.5E-02 14 201
12:18----12:48	1.1E-03 1.1E-02 66	1.5E-02 2.0E-02 988	3.0E-02 3.4E-02 7	2.0E-02 16 209
12:33----13:03	1.4E-03 1.1E-02 59	1.2E-02 2.1E-02 988	3.1E-02 3.4E-02 8	2.2E-02 17 221
12:48----13:18	2.4E-03 7.9E-03 59	7.0E-03 2.3E-02 988	2.5E-02 2.6E-02 15	1.8E-02 17 230
13:03----13:33	3.7E-03 6.4E-03 62	4.8E-03 2.4E-02 988	2.5E-02 2.0E-02 19	1.8E-02 16 237
13:18----13:48	1.9E-03 9.8E-03 63	4.6E-03 2.1E-02 987	3.2E-02 2.1E-02 17	2.3E-02 16 237
13:33----14:03	1.7E-04 1.1E-02 63	4.5E-03 2.2E-02 987	3.0E-02 1.9E-02 19	2.0E-02 16 238
13:48----14:18	8.2E-04 8.0E-03 62	4.7E-03 2.7E-02 986	2.8E-02 2.2E-02 19	2.0E-02 16 231
14:03----14:33	3.0E-03 7.0E-03 62	4.9E-03 3.1E-02 986	3.1E-02 2.1E-02 19	2.5E-02 16 221
14:18----14:48	2.8E-03 5.5E-03 62	4.2E-03 3.1E-02 986	2.7E-02 1.7E-02 20	2.3E-02 15 227
14:33----15:03	1.9E-03 7.6E-03 62	4.3E-03 2.9E-02 986	3.1E-02 1.7E-02 21	2.5E-02 15 232
14:48----15:18	3.7E-03 8.6E-03 63	4.6E-03 2.9E-02 985	3.7E-02 1.6E-02 21	3.0E-02 15 225

THUNDER BAY II #18, CONT'D

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
15:03-----15:33	3.2E-03 7.4E-03 64	4.5E-03 2.8E-02 985	3.3E-02 1.3E-02 23	2.6E-02 15 226
15:18-----15:48	1.8E-03 7.3E-03 66	4.7E-03 2.7E-02 985	2.7E-02 1.3E-02 26	2.0E-02 14 232

STATISTICS

NUMBER OF READINGS 272

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	2.78E-02	2.61E-03	3.83E-03	1.65E-04	4.79E+01
SO2	3.13E-03	5.30E-02	7.98E-03	6.41E-03	6.63E-03	1.74E+00
NOX	9.96E-03	9.72E-02	3.17E-02	1.47E-02	2.88E-02	1.56E+00
NO2	2.57E-03	7.19E-02	2.17E-02	1.07E-02	1.95E-02	1.61E+00
NO	1.31E-03	5.06E-02	1.08E-02	8.56E-03	8.23E-03	2.08E+00
OZONE	5.61E-03	4.31E-02	2.38E-02	6.57E-03	2.28E-02	1.37E+00
SOLAR RAD	4.09E-03	5.13E-02	1.87E-02	9.16E-03	1.67E-02	1.62E+00
TEMP	12	18	15	2		
HUMIDITY	56	89	68	9	67	1
BAROMETER	985	990	987	2	987	1
WIND SPEED	1	41	17	9	14	2

THUNDER BAY II #19

DATE: OCT 25 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 30 MIN
LOCATION: C.N.R.A. RECREATION RINK:(33855-53584),1.7KM, 50 DEG/SOURCE

TIME	H2S	SO2	NOX	NO2
	NO	OZONE	SOLAR RAD	TEMP
	HUMIDITY	BAROMETER	WIND SPEED	WIND DIRECTI
16:19----16:49	2.5E-04	4.9E-03	2.9E-02	1.9E-02
	9.6E-03	2.2E-02	1.3E-02	14
	70	984	24	247
16:34----17:04	1.0E-06	4.6E-03	3.5E-02	2.4E-02
	1.1E-02	2.2E-02	1.2E-02	13
	70	984	22	245
16:49----17:19	1.9E-04	2.6E-02	3.5E-02	2.3E-02
	1.3E-02	2.2E-02	9.8E-03	13
	71	984	19	243
17:04----17:34	6.1E-04	3.1E-02	4.0E-02	2.9E-02
	1.6E-02	2.2E-02	8.4E-03	13
	71	984	16	242
17:19----17:49	9.7E-04	1.3E-02	5.0E-02	2.9E-02
	2.2E-02	1.9E-02	6.8E-03	13
	71	984	18	249
17:34----18:04	1.2E-03	1.1E-02	4.6E-02	1.9E-02
	2.5E-02	1.9E-02	5.5E-03	13
	72	983	17	244
17:49----18:19	1.5E-03	8.6E-03	5.0E-02	2.3E-02
	2.6E-02	2.2E-02	4.4E-03	13
	72	983	18	241
18:04----18:34	2.4E-03	4.4E-03	4.8E-02	2.1E-02
	2.6E-02	2.3E-02	2.4E-03	13
	72	983	13	238
18:19----18:49	3.0E-03	1.6E-03	4.2E-02	1.5E-02
	3.2E-02	2.3E-02	1.0E-03	13
	73	983	12	233
18:34----19:04	3.1E-03	6.3E-04	4.5E-02	1.7E-02
	3.2E-02	2.4E-02	4.3E-04	12
	74	983	9	231
18:49----19:19	3.2E-03	3.3E-04	5.5E-02	2.3E-02
	3.0E-02	2.4E-02	1.3E-04	12
	75	982	10	235
19:04----19:34	3.1E-03	4.8E-04	5.8E-02	2.0E-02
	3.7E-02	2.4E-02	4.7E-06	12
	76	982	13	240
19:19----19:49	3.0E-03	8.9E-04	5.1E-02	1.6E-02
	3.5E-02	2.3E-02	1.1E-06	12
	75	982	15	243
19:34----20:04	3.1E-03	2.7E-03	4.9E-02	2.2E-02
	2.7E-02	2.2E-02	1.1E-06	12
	76	982	14	238
19:49----20:19	3.0E-03	4.0E-03	5.3E-02	2.6E-02
	3.1E-02	2.3E-02	1.1E-06	12
	76	982	11	230

THUNDER BAY II #19, CONT'D

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
20:04----20:34	2.3E-03 3.4E-02 75	5.7E-03 2.0E-02 982	6.1E-02 1.1E-06 9	2.5E-02 12 285
20:19----20:49	1.9E-03 4.9E-02 74	5.4E-03 1.9E-02 981	6.5E-02 1.1E-06 8	1.9E-02 12 288
20:34----21:04	1.7E-03 5.4E-02 73	2.3E-03 2.1E-02 981	6.2E-02 1.1E-06 10	1.4E-02 12 286
20:49----21:19	1.7E-03 3.7E-02 74	1.3E-03 2.0E-02 981	6.1E-02 1.1E-06 15	2.1E-02 12 287
21:04----21:34	1.7E-03 3.7E-02 74	1.6E-03 1.8E-02 980	6.1E-02 1.1E-06 15	2.7E-02 12 286
21:19----21:49	1.9E-03 3.6E-02 75	2.5E-03 1.7E-02 980	5.8E-02 1.1E-06 13	2.7E-02 12 244
21:34----22:04	2.3E-03 4.1E-02 76	2.8E-03 1.9E-02 980	5.7E-02 1.1E-06 12	2.5E-02 12 257
21:49----22:19	2.9E-03 4.0E-02 77	2.4E-03 2.2E-02 980	7.4E-02 1.1E-06 15	4.1E-02 12 262
22:04----22:34	2.9E-03 3.0E-02 77	2.5E-03 2.2E-02 980	7.3E-02 1.1E-06 17	4.0E-02 12 258
22:19----22:49	2.6E-03 3.0E-02 77	7.2E-03 2.0E-02 981	5.5E-02 1.1E-06 18	2.1E-02 12 253
22:34----23:04	2.8E-03 3.1E-02 77	1.6E-02 1.8E-02 980	5.8E-02 1.1E-06 17	2.5E-02 12 256
22:49----23:19	2.6E-03 2.8E-02 78	1.4E-02 1.8E-02 980	5.5E-02 1.1E-06 16	2.5E-02 12 252
23:04----23:34	2.6E-03 2.3E-02 76	6.2E-03 2.1E-02 980	4.3E-02 1.1E-06 18	1.8E-02 12 244
23:19----23:49	2.6E-03 1.9E-02 75	4.8E-03 2.5E-02 980	3.4E-02 1.1E-06 19	1.3E-02 12 242
23:34----00:04	2.4E-03 1.6E-02 75	4.8E-03 2.3E-02 980	3.3E-02 1.1E-06 21	1.7E-02 12 240
23:49----00:19	2.3E-03 1.5E-02 74	5.9E-03 2.1E-02 980	3.7E-02 1.1E-06 22	2.3E-02 12 239
00:04----00:34	2.0E-03 1.2E-02 74	7.5E-03 2.4E-02 980	3.9E-02 1.1E-06 20	1.8E-02 12 239

THUNDER BAY II #19, CONT'D

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
00:19----00:49	1.8E-03 1.0E-02 74	9.7E-03 2.7E-02 980	2.1E-02 1.1E-06 18	1.1E-02 12 246
00:34----01:04	1.9E-03 9.5E-03 73	1.3E-02 2.9E-02 980	2.2E-02 1.1E-06 20	1.3E-02 12 240
00:49----01:19	1.8E-03 9.8E-03 72	1.8E-02 2.9E-02 980	2.1E-02 1.1E-06 21	1.1E-02 12 232
01:04----01:34	1.5E-03 1.2E-02 71	2.6E-02 3.0E-02 980	2.0E-02 1.1E-06 20	8.8E-03 12 237
01:19----01:49	1.2E-03 1.6E-02 71	3.6E-02 3.0E-02 980	2.3E-02 1.1E-06 18	9.4E-03 13 246
01:34----02:04	1.1E-03 1.9E-02 71	5.1E-02 3.0E-02 980	2.5E-02 1.1E-06 16	1.0E-02 13 243
01:49----02:19	7.9E-04 1.6E-02 70	6.7E-02 3.0E-02 980	2.7E-02 1.1E-06 15	1.3E-02 13 246
02:04----02:34	6.8E-04 1.3E-02 70	8.5E-02 3.0E-02 980	2.6E-02 1.1E-06 14	1.3E-02 13 250
02:19----02:49	7.8E-04 1.3E-02 69	1.1E-01 3.0E-02 980	2.4E-02 1.1E-06 15	1.0E-02 13 244
02:34----03:04	5.7E-04 1.3E-02 69	1.1E-01 2.9E-02 980	2.6E-02 1.1E-06 16	1.3E-02 13 240
02:49----03:19	2.8E-04 1.5E-02 69	1.0E-01 2.7E-02 980	2.9E-02 1.1E-06 16	1.4E-02 13 242
03:04----03:34	3.4E-04 1.6E-02 68	8.8E-02 2.6E-02 981	3.1E-02 1.1E-06 15	1.6E-02 13 244
03:19----03:49	5.9E-04 1.7E-02 68	8.5E-02 2.7E-02 981	3.2E-02 1.1E-06 14	1.6E-02 13 242

STATISTICS

NUMBER OF READINGS 464

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	5.25E-03	1.76E-03	1.15E-03	7.47E-04	1.03E+01
SO2	5.00E-05	1.21E-01	2.33E-02	3.38E-02	7.36E-03	5.19E+00
NOX	1.77E-02	3.42E-01	4.25E-02	2.49E-02	3.82E-02	1.55E+00
NO2	1.00E-06	3.48E-01	1.95E-02	2.28E-02	8.45E-03	1.32E+01
NO	3.28E-03	1.88E-01	2.38E-02	1.78E-02	1.98E-02	1.80E+00
OZONE	1.10E-02	3.17E-02	2.35E-02	4.69E-03	2.30E-02	1.24E+00
SOLAR RAD	1.00E-06	1.40E-02	1.50E-03	3.46E-03	7.19E-06	3.52E+01
TEMP	12	14	12	1		
HUMIDITY	66	78	73	3	73	1
BAROMETER	979	985	981	1	981	1
WIND SPEED	0	41	17	7	15	2

THUNDER BAY II #20

DATE: OCT 27 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: MT. MCKAY SKI AREA;(32955-53570),0.55KM, 135 DEG/SOURCE

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
15:30----16:00	1.4E-02 4.1E-02 39	9.1E-03 2.6E-02 994	6.3E-02 1.0E-06 1	2.4E-02 11 190
15:45----16:15	6.1E-03 3.1E-02 40	1.9E-03 3.0E-02 994	4.7E-02 1.0E-06 1	1.7E-02 11 186
16:00----16:30	3.2E-03 2.1E-02 41	9.8E-04 3.3E-02 994	3.4E-02 1.0E-06 3	1.5E-02 10 201
16:15----16:45	2.5E-03 1.3E-02 42	6.2E-04 3.4E-02 994	2.5E-02 1.0E-06 5	1.4E-02 10 200
16:30----17:00	1.9E-03 6.1E-03 41	3.3E-04 3.6E-02 995	1.7E-02 1.0E-06 6	1.2E-02 10 194
16:45----17:15	1.2E-03 2.5E-03 40	2.7E-04 3.7E-02 995	1.2E-02 1.0E-06 6	1.1E-02 10 195
17:00----17:30	5.9E-04 2.0E-03 40	2.2E-04 3.7E-02 995	1.0E-02 1.0E-06 4	9.4E-03 10 190
17:15----17:45	2.1E-04 2.6E-03 41	1.7E-04 3.7E-02 995	1.1E-02 1.0E-06 3	9.7E-03 10 195
17:30----18:00	1.2E-04 2.6E-03 41	1.4E-04 3.7E-02 995	1.1E-02 1.0E-06 4	9.9E-03 10 190
17:45----18:15	1.1E-05 1.9E-03 41	9.4E-05 3.7E-02 995	9.7E-03 1.0E-06 4	8.8E-03 10 187
18:00----18:30	1.8E-06 1.7E-03 41	6.5E-05 3.8E-02 995	8.5E-03 1.0E-06 5	8.0E-03 10 196
18:15----18:45	1.0E-06 1.6E-03 40	3.3E-05 3.8E-02 996	7.9E-03 1.0E-06 5	7.3E-03 10 199
18:30----19:00	1.0E-06 1.4E-03 41	5.6E-06 3.8E-02 996	7.2E-03 1.0E-06 5	6.9E-03 10 187
18:45----19:15	1.0E-06 1.2E-03 41	3.5E-06 3.8E-02 996	7.0E-03 1.0E-06 5	6.8E-03 10 184
19:00----19:30	1.0E-06 1.5E-03 41	1.1E-06 3.8E-02 996	6.9E-03 1.0E-06 5	6.6E-03 10 194

THUNDER BAY II #20, CONT'D

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
19:15-----19:45	1.0E-06 1.5E-03 41	1.0E-06 3.8E-02 996	7.0E-03 1.0E-06 6	6.7E-03 10 193
19:30-----20:00	1.0E-06 1.2E-03 41	1.0E-06 3.8E-02 996	6.6E-03 1.0E-06 6	6.5E-03 10 191
19:45-----20:15	1.0E-06 9.9E-04 41	1.0E-06 3.8E-02 997	6.4E-03 1.0E-06 6	6.5E-03 10 199
20:00-----20:30	1.0E-06 1.2E-03 43	1.0E-06 3.7E-02 997	7.6E-03 1.0E-06 5	7.5E-03 9 208
20:15-----20:45	1.0E-06 4.9E-03 46	7.6E-06 3.4E-02 997	1.6E-02 1.0E-06 4	1.2E-02 8 210
20:30-----21:00	1.0E-06 8.9E-03 47	7.6E-06 3.5E-02 997	2.1E-02 1.0E-06 4	1.3E-02 8 204
20:45-----21:15	1.0E-06 1.2E-02 45	1.0E-06 3.7E-02 997	2.4E-02 1.0E-06 3	1.3E-02 8 208
21:00-----21:30	1.0E-06 2.2E-02 47	1.0E-06 3.6E-02 997	3.4E-02 1.0E-06 3	1.4E-02 8 205
21:15-----21:45	1.0E-06 2.8E-02 49	1.0E-06 3.5E-02 997	3.9E-02 1.0E-06 5	1.3E-02 8 202
21:30-----22:00	1.0E-06 1.9E-02 48	1.0E-06 3.6E-02 997	3.0E-02 1.0E-06 6	1.2E-02 8 197
21:45-----22:15	1.0E-06 7.8E-03 46	1.1E-04 3.6E-02 997	1.8E-02 1.0E-06 5	1.1E-02 8 192
22:00-----22:30	1.0E-06 2.6E-03 45	4.9E-04 3.6E-02 997	1.2E-02 1.0E-06 6	1.0E-02 8 194
22:15-----22:45	1.0E-06 1.1E-03 45	8.7E-04 3.5E-02 997	9.4E-03 1.0E-06 5	9.4E-03 8 197
22:30-----23:00	1.0E-06 1.4E-03 45	1.1E-03 3.5E-02 998	9.2E-03 1.0E-06 4	8.8E-03 8 199
22:45-----23:15	1.0E-06 4.8E-03 48	7.9E-04 3.3E-02 998	1.3E-02 1.0E-06 4	9.8E-03 7 203
23:00-----23:30	1.0E-06 1.2E-02 52	4.5E-04 3.1E-02 998	2.3E-02 1.0E-06 3	1.2E-02 7 206
23:15-----23:45	1.0E-06 2.5E-02 53	4.9E-04 3.2E-02 998	3.7E-02 1.0E-06 3	1.3E-02 6 207

THUNDER BAY II #20, CONT'D.

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
23:30-----00:00	1.0E-06 2.9E-02 52	6.6E-04 3.3E-02 998	3.9E-02 1.0E-06 5	1.3E-02 6 206
23:45-----00:15	1.0E-06 2.0E-02 49	8.0E-04 3.4E-02 998	3.1E-02 1.0E-06 5	1.3E-02 7 208
00:00-----00:30	1.0E-06 1.3E-02 49	8.1E-04 3.4E-02 998	2.5E-02 1.0E-06 5	1.3E-02 7 204
00:15-----00:45	1.0E-06 1.4E-02 50	6.6E-04 3.3E-02 999	2.6E-02 1.0E-06 5	1.3E-02 7 208
00:30-----01:00	1.0E-06 3.6E-02 52	4.8E-04 3.2E-02 999	4.8E-02 1.0E-06 4	1.4E-02 6 204
00:45-----01:15	1.0E-06 6.9E-02 55	3.5E-04 3.1E-02 999	8.0E-02 1.0E-06 3	1.5E-02 6 207
01:00-----01:30	1.0E-06 8.3E-02 56	3.4E-04 3.1E-02 999	9.4E-02 1.5E-06 3	1.5E-02 5 207
01:15-----01:45	1.0E-06 6.7E-02 53	5.6E-04 3.3E-02 999	7.7E-02 1.5E-06 3	1.3E-02 6 200
01:30-----02:00	1.0E-06 4.5E-02 51	6.5E-04 3.4E-02 999	5.4E-02 2.4E-05 4	1.3E-02 6 202
01:45-----02:15	1.0E-06 3.0E-02 50	6.4E-04 3.4E-02 999	4.0E-02 1.8E-04 5	1.2E-02 7 203
02:00-----02:30	1.0E-06 2.0E-02 50	5.9E-04 3.4E-02 999	3.1E-02 5.6E-04 4	1.3E-02 7 200
02:15-----02:45	1.0E-06 2.2E-02 53	4.0E-04 2.8E-02 999	3.4E-02 1.1E-03 3	1.4E-02 6 202
02:30-----03:00	1.0E-06 5.7E-02 60	1.7E-04 2.4E-02 1000	6.5E-02 1.5E-03 3	2.3E-02 5 226
02:45-----03:15	1.0E-06 8.0E-02 65	6.2E-05 2.6E-02 1000	8.9E-02 2.0E-03 2	2.4E-02 4 240
03:00-----03:30	1.0E-06 9.0E-02 64	9.5E-06 2.7E-02 1000	1.0E-01 2.3E-03 2	2.0E-02 4 236
03:15-----03:45	1.0E-06 1.3E-01 63	4.4E-06 2.6E-02 1000	1.4E-01 2.6E-03 2	2.2E-02 4 230
03:30-----04:00	1.0E-06 1.3E-01 63	6.0E-06 2.7E-02 1000	1.4E-01 2.9E-03 2	2.0E-02 4 226

THUNDER BAY II #20, CONT'D

TIME	H2S	SO2	NOX	NO2
	NO	OZONE	SOLAR RAD	TEMP
	HUMIDITY	BAROMETER	WIND SPEED	WIND DIRECTI

STATISTICS

NUMBER OF READINGS 759

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	2.44E-02	7.68E-04	2.96E-03	3.89E-06	1.78E+01
SO2	1.00E-06	2.23E-02	6.59E-04	2.23E-03	4.14E-05	2.24E+01
NOX	5.42E-03	2.65E-01	3.70E-02	3.67E-02	2.39E-02	2.55E+00
NO2	1.00E-06	2.00E-01	1.28E-02	8.73E-03	1.16E-02	1.68E+00
NO	1.00E-06	4.41E-01	2.65E-02	3.68E-02	9.24E-03	5.47E+00
OZONE	1.01E-02	3.92E-02	3.36E-02	4.77E-03	3.32E-02	1.19E+00
SOLAR RAD	1.00E-06	3.44E-03	3.30E-04	8.23E-04	3.75E-06	1.64E+01
TEMP	3	12	8	2		
HUMIDITY	37	66	48	6	47	1
BAROMETER	994	1000	997	2	997	1
WIND SPEED	0	12	4	2	3	8

THUNDER BAY II #22

DATE: OCT 28 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: C.N.R.A. RECREATION RINK;(33050-53584),1.6KM, 65 DEG/SOURCE

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
11:40----12:10	4.3E-03 1.8E-02 44	4.2E-03 2.9E-02 1002	2.8E-02 4.5E-02 9	1.1E-02 11 267
11:55----12:25	3.1E-04 1.3E-02 42	7.2E-03 3.0E-02 1002	2.6E-02 4.7E-02 8	1.2E-02 12 277
12:10----12:40	1.4E-04 9.8E-03 40	7.5E-03 3.3E-02 1002	2.4E-02 4.9E-02 8	1.1E-02 13 282
12:25----12:55	1.0E-04 1.1E-02 37	4.2E-03 3.1E-02 1002	2.4E-02 5.0E-02 8	1.2E-02 14 279
12:40----13:10	6.8E-05 1.2E-02 36	4.5E-03 2.8E-02 1002	2.6E-02 5.0E-02 9	1.2E-02 14 277
12:55----13:25	2.3E-04 1.0E-02 35	4.7E-03 3.0E-02 1002	2.2E-02 5.0E-02 10	1.0E-02 15 280
13:10----13:40	4.2E-04 7.9E-03 32	4.5E-03 3.4E-02 1002	1.7E-02 5.1E-02 8	8.2E-03 16 274
13:25----13:55	3.5E-04 8.7E-03 30	4.7E-03 3.4E-02 1002	1.9E-02 5.0E-02 6	8.7E-03 16 265
13:40----14:10	7.0E-04 7.9E-03 29	5.0E-03 3.7E-02 1001	1.7E-02 4.8E-02 4	8.0E-03 17 260
13:55----14:25	8.8E-04 6.4E-03 26	4.6E-03 4.1E-02 1001	1.4E-02 4.6E-02 3	6.7E-03 18 251
14:10----14:40	2.2E-03 1.6E-02 25	5.2E-03 4.0E-02 1001	2.3E-02 4.3E-02 3	8.6E-03 19 249

THUNDER BAY II #22 CONT'D

STATISTICS

NUMBER OF READINGS 192

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.43E-02	1.77E-03	3.13E-03	9.60E-05	3.46E+01
SO2	3.38E-03	4.14E-02	5.24E-03	3.08E-03	4.93E-03	1.33E+00
NOX	1.22E-02	7.84E-02	2.46E-02	1.18E-02	2.25E-02	1.50E+00
NO2	3.60E-03	2.12E-02	9.97E-03	3.15E-03	9.52E-03	1.36E+00
NO	4.55E-03	8.11E-02	1.47E-02	1.38E-02	1.14E-02	1.89E+00
OZONE	2.02E-02	4.41E-02	3.36E-02	5.26E-03	3.32E-02	1.17E+00
SOLAR RAD	3.59E-02	5.10E-02	4.74E-02	3.25E-03	4.73E-02	1.07E+00
TEMP	10	20	15	3		
HUMIDITY	22	47	33	7	33	1
BAROMETER	1001	1002	1002	0	1002	1
WIND SPEED	0	16	7	4	5	6

THUNDER BAY II #24

DATE: OCT 29 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: D.N.D. RIFLE RANGE;(33060-53574),1.5KM, 90 DEG/SOURCE

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:59----03:29	1.0E-03 7.6E+00 5.4E-03 1003	1.4E+01 2.1E-01 2.6E-03 0	6.4E-03 5.7E-02 4 279	6.3E+00 2.2E-01 72
03:14----03:44	2.0E-03 8.1E+00 8.3E-03 1003	1.2E+01 1.7E-01 2.7E-03 0	5.9E-03 4.7E-02 4 280	5.1E+00 1.6E-01 76
03:29----03:59	3.7E-03 3.7E+00 7.4E-03 1003	8.1E+00 2.4E-01 2.7E-03 0	6.3E-03 6.6E-02 4 106	3.9E+00 1.9E-01 79
03:44----04:14	4.3E-03 3.2E+00 7.8E-03 1003	7.4E+00 2.3E-01 2.7E-03 1	5.7E-03 6.3E-02 4 84	3.6E+00 1.9E-01 82

STATISTICS

NUMBER OF READINGS 81

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	7.61E-03	2.84E-03	2.11E-03	7.06E-04	2.22E+01
THC	3.87E-01	5.96E+01	9.48E+00	1.21E+01	4.33E+00	3.75E+00
SO2	2.49E-03	1.27E-02	5.86E-03	2.42E-03	5.44E-03	1.46E+00
THC-CH4	1.00E-06	2.36E+01	4.53E+00	5.48E+00	7.47E-01	4.67E+01
CH4	6.80E-01	4.13E+01	5.00E+00	7.78E+00	2.68E+00	2.75E+00
NOX	3.52E-02	6.51E-01	2.14E-01	1.51E-01	1.69E-01	2.01E+00
NO2	1.00E-06	3.46E-01	5.78E-02	7.87E-02	3.26E-03	1.15E+02
NO	2.85E-02	8.17E-01	1.90E-01	1.61E-01	1.36E-01	2.28E+00
OZONE	1.00E-06	1.52E-02	7.39E-03	4.16E-03	5.42E-03	3.43E+00
SOLAR RAD	2.53E-03	2.81E-03	2.69E-03	7.22E-05	2.69E-03	1.03E+00
TEMP	3	5	4	0		
HUMIDITY	65	93	78	6	78	1
BAROMETER	1002	1003	1003	0	1003	1
WIND SPEED	0	7	0	1	0	287

THUNDER BAY II #27

DATE: OCT 31 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 30 MIN
LOCATION: C.N.R.A. RECREATION RINK;(33050-53583),1.7KM, 55 DEG/SOURCE

TIME	CO NO2 TEMP WIND DIRECTION	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED
20:45----21:15	9.4E-01 6.0E-03 11 239	1.7E-02 1.7E-02 117	1.3E-05 1.7E-02 983	2.0E-02 1.0E-06 2
21:00----21:30	3.5E+00 8.7E-03 11 263	1.5E-02 3.5E-02 116	9.5E-05 1.4E-02 983	2.3E-02 1.0E-06 1
21:15----21:45	4.9E+00 2.0E-02 11 301	1.5E-02 5.4E-02 116	3.5E-04 1.1E-02 983	4.9E-02 1.0E-06 0
21:30----22:00	2.5E+00 2.2E-02 11 253	1.4E-02 3.7E-02 115	3.7E-04 1.2E-02 983	4.7E-02 1.0E-06 0
21:45----22:15	1.6E+00 1.3E-02 11 232	1.3E-02 5.7E-02 112	1.8E-04 1.4E-02 983	3.0E-02 1.0E-06 1
22:00----22:30	1.7E+00 1.0E-02 11 242	1.3E-02 5.4E-02 110	7.5E-05 1.7E-02 983	2.6E-02 1.0E-06 3
22:15----22:45	3.7E-01 9.7E-03 11 246	1.2E-02 9.6E-03 109	1.2E-05 1.9E-02 983	1.7E-02 1.0E-06 3
22:30----23:00	8.1E-06 6.1E-03 11 239	1.2E-02 5.2E-03 113	1.0E-06 1.8E-02 984	1.2E-02 1.0E-06 2
22:45----23:15	8.1E-06 5.1E-03 11 233	1.2E-02 5.9E-03 116	1.0E-06 1.8E-02 984	1.1E-02 1.4E-06 2
23:00----23:30	8.1E-06 7.9E-03 11 243	1.1E-02 6.4E-03 114	1.0E-06 1.8E-02 984	1.4E-02 1.4E-06 3
23:15----23:45	8.1E-06 1.2E-02 11 254	1.1E-02 6.8E-03 113	1.0E-06 1.6E-02 984	1.9E-02 1.0E-06 3
23:30----00:00	4.9E-01 1.2E-02 11 254	1.1E-02 1.4E-02 115	3.0E-05 1.3E-02 984	1.9E-02 1.0E-06 3

THUNDER BAY II #27, CONT'D

TIME	CO NO2 TEMP WIND DIRECTION	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED
23:45----00:15	2.7E+00 9.4E-03 11 244	1.1E-02 1.8E-02 116	1.1E-04 1.4E-02 984	2.4E-02 1.4E-06 3
00:00----00:30	2.2E+00 8.7E-03 11 239	1.1E-02 1.3E-02 116	9.2E-05 1.7E-02 984	2.4E-02 1.4E-06 2
00:15----00:45	1.0E-05 6.4E-03 11 244	1.1E-02 7.1E-03 117	1.5E-05 1.9E-02 985	1.3E-02 1.0E-06 2
00:30----01:00	3.7E-01 1.6E-02 10 238	1.1E-02 9.8E-03 121	1.0E-06 1.9E-02 985	3.5E-02 1.0E-06 2
00:45----01:15	5.2E-01 1.6E-02 10 237	1.1E-02 6.7E-02 125	1.0E-06 1.8E-02 985	4.6E-02 1.0E-06 2
01:00----01:30	6.2E-01 5.7E-03 10 107	1.1E-02 7.8E-02 128	2.0E-05 1.6E-02 985	2.8E-02 1.0E-06 1
01:15----01:45	4.7E-01 5.6E-03 9 89	1.1E-02 2.2E-02 131	2.0E-05 1.5E-02 985	1.6E-02 1.0E-06 2
01:30----02:00	1.5E-01 4.4E-03 8 90	1.1E-02 4.3E-03 138	1.0E-06 1.5E-02 985	8.0E-03 1.0E-06 2
01:45----02:15	2.3E-01 4.0E-03 7 81	1.1E-02 4.6E-03 143	1.0E-06 1.5E-02 985	8.2E-03 1.0E-06 1
02:00----02:30	8.7E-01 7.5E-03 7 47	1.1E-02 1.2E-02 139	1.0E-06 1.4E-02 985	1.7E-02 1.0E-06 1
02:15----02:45	7.9E-01 1.1E-02 7 13	1.0E-02 1.4E-02 135	1.0E-06 1.5E-02 986	2.2E-02 1.0E-06 1
02:30----03:00	3.6E-02 1.4E-02 7 4	9.7E-03 1.4E-02 133	1.0E-06 1.1E-02 986	2.9E-02 1.0E-06 1

STATISTICS

NUMBER OF READINGS 255

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	3.21E+01	1.04E+00	3.79E+00	2.86E-05	4.29E+02
H2S	8.62E-03	1.91E-02	1.19E-02	2.02E-03	1.18E-02	1.17E+00
SO2	1.00E-06	1.79E-03	5.45E-05	2.17E-04	1.97E-06	6.35E+00
NOX	5.49E-03	4.53E-01	2.44E-02	3.74E-02	1.61E-02	2.17E+00
NO2	1.00E-06	2.06E-01	1.02E-02	1.83E-02	1.66E-03	3.13E+01
NO	2.53E-03	5.51E-01	2.34E-02	5.76E-02	9.26E-03	2.96E+00
OZONE	3.75E-06	2.13E-02	1.52E-02	4.24E-03	1.31E-02	2.46E+00
SOLAR RAD	1.00E-06	8.31E-06	1.06E-06	6.46E-07	1.02E-06	1.21E+00
TEMP	7	11	10	2		
HUMIDITY	106	148	121	10	121	1
BAROMETER	983	986	984	1	984	1
WIND SPEED	0	8	2	2	0	460

THUNDER BAY II #20

DATE: NOV 1 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: KAMISITIKWIA RVR. PT.#(33020-53578),1.1KM, 65 DEC/SOURCE

TIME	CO	H2S	SO2	NOX
	NO2	NO	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
12:41----13:11	1.2E+00	1.3E-03	1.4E-03	1.6E-02
	8.0E-03	7.7E-03	1.7E-02	1.8E-02
	13	75	989	2
	268			
12:56----13:26	1.1E+00	2.7E-03	1.4E-03	2.1E-02
	9.6E-03	1.1E-02	1.6E-02	2.1E-02
	14	73	989	2
	280			
13:11----13:41	1.1E+00	2.7E-03	4.3E-04	2.2E-02
	1.0E-02	1.2E-02	1.7E-02	2.1E-02
	14	71	989	1
	268			
13:26----13:56	9.5E-01	2.0E-03	5.3E-04	1.7E-02
	8.2E-03	7.9E-03	1.9E-02	2.0E-02
	15	68	989	1
	262			
13:41----14:11	5.4E-01	6.3E-03	5.0E-04	1.4E-02
	6.4E-03	7.6E-03	1.9E-02	1.9E-02
	15	65	989	0
	263			
13:56----14:26	4.6E-01	9.9E-03	6.9E-04	1.4E-02
	6.6E-03	7.5E-03	2.2E-02	1.7E-02
	15	64	989	0
	284			
14:11----14:41	7.8E-01	8.0E-03	9.8E-04	1.6E-02
	8.5E-03	7.2E-03	2.4E-02	1.6E-02
	15	63	989	0
	309			
14:26----14:56	7.5E-01	5.6E-03	6.1E-04	1.5E-02
	7.8E-03	7.0E-03	2.5E-02	1.4E-02
	15	61	989	1
	308			
14:41----15:11	1.3E+00	2.1E-03	1.6E-04	1.5E-02
	6.1E-03	8.9E-03	2.4E-02	1.4E-02
	15	59	989	1
	277			
14:56----15:26	1.6E+00	4.6E-05	1.1E-03	1.7E-02
	6.3E-03	1.4E-02	2.4E-02	1.4E-02
	15	58	989	1
	273			

STATISTICS

NUMBER OF READINGS 176

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.58E+01	1.01E+00	1.27E+00	2.00E-01	7.51E+01
H2S	1.00E-06	1.19E-02	3.49E-03	3.62E-03	4.44E-04	3.60E+01
SO2	1.00E-06	3.13E-02	8.18E-04	2.46E-03	1.74E-04	1.32E+01
NOX	1.08E-02	5.85E-02	1.69E-02	6.04E-03	1.62E-02	1.31E+00
NO2	1.00E-06	2.99E-02	7.74E-03	3.04E-03	6.98E-03	2.11E+00
NO	5.23E-03	1.02E-01	9.52E-03	8.31E-03	8.57E-03	1.44E+00
OZONE	3.70E-03	3.03E-02	2.06E-02	4.38E-03	2.01E-02	1.29E+00
SOLAR RAD	7.50E-03	2.59E-02	1.67E-02	3.71E-03	1.62E-02	1.28E+00
TEMP	13	16	15	1		
HUMIDITY	43	78	65	7	65	1
BAROMETER	989	989	989	0	989	1
WIND SPEED	0	11	1	1	0	641

THUNDER BAY II #29

DATE: NOV 1 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: KAMINISTIKWIA RIVER BRIDGE (33050-53584), 1.7KM, 60 DEG/SOURCE

TIME				
	CO	H2S	SO2	NOX
	NO2	NO	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
16:29----16:59	8.6E+00	6.9E-04	9.2E-04	5.6E-02
	1.7E-02	4.4E-02	1.2E-02	3.4E-03
	13	63	989	1
	308			
16:44----17:14	1.1E+00	2.9E-03	2.8E-04	2.6E-02
	1.1E-02	1.4E-02	1.4E-02	1.9E-03
	13	71	989	0
	2			
16:59----17:29	3.0E-01	4.6E-03	1.7E-04	1.4E-02
	7.3E-03	7.1E-03	1.3E-02	8.8E-04
	12	78	989	0
	96			
17:14----17:44	2.0E+00	4.4E-03	4.1E-05	2.4E-02
	9.8E-03	1.9E-02	1.2E-02	3.0E-04
	12	81	989	0
	92			
17:29----17:59	2.8E+00	3.8E-03	4.1E-05	2.3E-02
	9.2E-03	1.9E-02	1.2E-02	8.6E-05
	11	84	989	1
	85			

STATISTICS

NUMBER OF READINGS 90

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.08E+02	3.90E+00	1.27E+01	1.63E-02	9.37E+02
H2S	1.00E-06	6.88E-03	2.86E-03	2.19E-03	3.75E-04	3.90E+01
SO2	1.00E-06	5.14E-03	3.78E-04	9.96E-04	4.99E-06	1.96E+01
NOX	8.44E-03	2.22E-01	3.13E-02	3.67E-02	2.12E-02	2.20E+00
NO2	1.00E-06	7.18E-02	1.11E-02	1.28E-02	4.29E-03	1.27E+01
NO	2.66E-03	3.06E-01	2.31E-02	4.43E-02	1.04E-02	3.80E+00
OZONE	3.67E-03	1.80E-02	1.26E-02	2.87E-03	1.22E-02	1.34E+00
SOLAR RAD	1.00E-06	5.17E-03	1.46E-03	1.56E-03	4.20E-04	1.02E+01
TEMP	11	14	12	1		
HUMIDITY	58	86	75	9	74	1
BAROMETER	989	989	989	0	989	1
WIND SPEED	0	5	1	1	0	479

THUNDER BAY II #31

DATE: NOV 2 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: CAN CAR LTD. LOT:(32945-53583),0.85KM, 15 DEG/SOURCE

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
09:54-----10:24	4.7E-01 1.0E-06 2.2E-02 42	1.9E-02 1.0E-06 5.1E-03 594	1.0E-06 2.6E-02 1.5E-02 0	2.4E-03 8.1E-03 6 271
10:09-----10:39	2.5E+00 1.5E-02 4.4E-02 68	2.7E-02 1.0E-06 8.0E-03 990	1.0E-06 6.1E-02 2.8E-02 0	5.4E-03 2.2E-02 10 300
10:24-----10:54	2.9E+00 5.4E-02 5.6E-02 65	1.6E-02 1.0E-06 9.5E-03 990	2.9E-04 7.5E-02 3.2E-02 1	1.2E-02 2.7E-02 11 40
10:39-----11:09	1.2E+00 3.9E-02 4.7E-02 61	5.7E-03 1.0E-06 1.3E-02 990	2.9E-04 6.2E-02 3.2E-02 1	1.4E-02 2.1E-02 12 67
10:54-----11:24	1.4E+00 6.6E-02 4.5E-02 64	4.6E-04 1.0E-06 1.6E-02 990	1.0E-06 5.7E-02 2.9E-02 1	9.6E-03 2.0E-02 11 51
11:09-----11:39	1.1E+00 6.6E-02 3.5E-02 47	1.6E-04 1.0E-06 1.3E-02 693	1.0E-06 4.2E-02 1.7E-02 1	6.0E-03 1.4E-02 8 17
11:24-----11:54	2.2E+00 4.9E-02 4.2E-02 36	5.7E-03 1.0E-06 1.2E-02 593	1.0E-06 4.3E-02 1.9E-02 1	6.0E-03 1.2E-02 8 32
11:39-----12:09	2.3E+00 4.9E-02 5.3E-02 44	1.0E-02 1.0E-06 1.7E-02 791	1.0E-06 5.7E-02 2.9E-02 1	7.3E-03 1.7E-02 11 71
11:54-----12:24	4.2E-01 1.1E-06 2.9E-02 32	5.1E-03 1.0E-06 1.4E-02 593	1.0E-06 3.3E-02 2.0E-02 1	4.6E-03 1.1E-02 9 83
12:09-----12:39	2.0E-01 1.1E-06 1.6E-02 21	7.5E-04 1.0E-06 9.7E-03 395	1.0E-06 1.9E-02 1.2E-02 2	3.3E-03 6.1E-03 6 155
12:24-----12:54	1.3E-05 1.1E-06 4.5E-03 10	3.2E-04 1.0E-06 5.0E-03 198	1.0E-06 1.1E-02 4.6E-03 2	1.5E-03 3.4E-03 3 169
12:39-----13:09	1.3E-05 1.1E-06 4.4E-03 21	2.0E-03 1.0E-06 1.1E-02 395	1.0E-06 7.1E-03 1.1E-02 6	1.6E-03 2.7E-03 5 183

THUNDER BAY II #31, CONT'D

TIME	CO	H2S	THC	SO2
	THC-CH4	CH4	NOX	NO2
	NO	OZONE	SOLAR RAD	TEMP
	HUMIDITY	BAROMETER	WIND SPEED	WIND DIRECTI

STATISTICS

NUMBER OF READINGS 204

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	5.72E+01	1.08E+00	5.29E+00	1.73E-04	7.65E+02
H2S	1.00E-06	3.50E-02	7.20E-03	1.03E-02	1.48E-04	9.06E+01
THC	1.00E-06	8.58E-03	4.31E-05	6.01E-04	1.05E-06	1.89E+00
SO2	1.00E-06	4.25E-02	5.55E-03	5.81E-03	3.24E-04	7.34E+01
THC-CH4	1.00E-06	1.48E+00	2.50E-02	1.67E-01	1.40E-06	8.45E+00
CH4	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+0
NOX	1.00E-06	2.56E-01	3.70E-02	3.78E-02	1.10E-03	1.82E+02
NO2	1.00E-06	1.57E-01	1.24E-02	1.78E-02	3.12E-04	1.22E+02
NO	1.00E-06	3.21E-01	2.99E-02	4.07E-02	8.84E-04	1.57E+02
OZONE	1.00E-06	2.99E-02	1.07E-02	9.68E-03	5.00E-04	1.01E+02
SOLAR RAD	1.00E-06	4.58E-02	1.91E-02	1.55E-02	7.60E-04	1.37E+02
TEMP	0	16	8	6		
HUMIDITY	0	77	40	30	0	5362
BAROMETER	0	990	640	474	1	20385
WIND SPEED	0	22	2	4	0	1402

THUNDER BAY II #34

DATE: NOV 2 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 30 MIN
LOCATION: NEEBING & MONTREAL STS.:(32905-53583),0.9KM, 0 DEG/SOURCE

TIME	CO	H2S	SO2	NOX
	NO2	NO	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
20:52----21:22	1.2E+00	1.2E-02	1.8E-03	2.2E-01
	5.1E-02	1.9E-01	3.7E-05	1.0E-06
	6	86	986	1
	325			
21:07----21:37	1.1E+00	1.1E-02	1.4E-03	1.5E-01
	3.2E-02	1.3E-01	1.2E-03	1.0E-06
	7	87	986	2
	314			
21:22----21:52	2.9E-01	1.0E-02	1.7E-03	1.0E-01
	3.7E-02	6.6E-02	5.0E-03	1.0E-06
	7	85	987	2
	304			
21:37----22:07	1.3E-01	1.1E-02	1.7E-03	8.0E-02
	4.2E-02	4.9E-02	4.6E-03	1.0E-06
	7	84	987	1
	319			
21:52----22:22	9.7E-02	1.1E-02	1.0E-03	9.5E-02
	4.6E-02	5.9E-02	3.7E-03	1.0E-06
	7	86	987	1
	293			
22:07----22:37	1.2E-01	1.0E-02	5.7E-04	8.1E-02
	4.0E-02	3.9E-02	8.8E-03	1.0E-06
	8	87	987	3
	229			
22:22----22:52	4.0E-02	1.3E-02	1.0E-03	6.8E-02
	3.7E-02	2.4E-02	1.2E-02	1.0E-06
	8	85	987	5
	216			
22:37----23:07	4.9E-03	1.4E-02	1.3E-03	8.3E-02
	4.2E-02	4.2E-02	1.1E-02	1.0E-06
	9	82	987	3
	211			
22:52----23:22	4.9E-03	1.2E-02	1.1E-03	1.6E-01
	4.2E-02	1.3E-01	4.9E-03	1.0E-06
	9	82	987	1
	330			
23:07----23:37	9.5E-02	1.2E-02	1.1E-03	2.0E-01
	4.3E-02	1.8E-01	3.1E-05	1.0E-06
	7	87	987	3
	340			
23:22----23:52	3.5E-01	1.1E-02	8.0E-04	1.6E-01
	3.5E-02	1.3E-01	7.7E-05	1.0E-06
	7	92	987	3
	339			
23:37----00:07	2.9E-01	9.8E-03	3.3E-04	1.1E-01
	3.2E-02	8.6E-02	1.4E-04	1.0E-06
	7	91	987	1
	336			

THUNDER BAY II #34, CONT'D

TIME	CO	H2S	SO2	NOX
	NO2	NO	OZONE	SOLAR RAD
	TEMP	HUMIDITY	BAROMETER	WIND SPEED
	WIND DIRECTION			
23:52-----00:22	6.5E-01	1.1E-02	2.1E-03	8.2E-02
	2.8E-02	4.8E-02	4.0E-04	1.0E-06
	7	89	987	1
	335			
00:07-----00:37	6.1E-01	1.1E-02	2.2E-03	9.1E-02
	2.9E-02	8.0E-02	3.7E-04	1.0E-06
	7	88	987	0
	342			
00:22-----00:52	2.8E-01	9.8E-03	8.3E-04	1.6E-01
	4.7E-02	1.3E-01	4.3E-05	1.0E-06
	8	86	987	0
	306			
00:37-----01:07	3.4E-01	9.0E-03	1.3E-03	2.6E-01
	6.3E-02	2.2E-01	1.2E-05	1.0E-06
	8	85	987	0
	280			
00:52-----01:22	1.8E-01	9.3E-03	1.1E-03	2.2E-01
	4.8E-02	1.9E-01	2.7E-05	1.0E-06
	8	85	987	0
	318			
01:07-----01:37	1.9E-01	9.2E-03	8.5E-04	1.2E-01
	3.1E-02	9.8E-02	2.3E-05	1.0E-06
	8	86	987	1
	319			
01:22-----01:52	1.7E-01	9.1E-03	8.4E-04	1.2E-01
	3.0E-02	1.0E-01	1.2E-05	1.0E-06
	7	88	987	1
	320			
01:37-----02:07	9.4E-02	9.3E-03	5.8E-04	1.1E-01
	3.0E-02	9.4E-02	1.4E-05	1.0E-06
	7	89	987	0
	190			
01:52-----02:22	1.1E-01	9.1E-03	4.5E-04	1.2E-01
	3.4E-02	8.9E-02	1.2E-05	1.0E-06
	7	89	987	0
	24			
02:07-----02:37	1.1E-01	9.2E-03	7.2E-04	1.7E-01
	4.3E-02	1.3E-01	1.7E-05	1.0E-06
	7	92	987	0
	69			
02:22-----02:52	3.2E-01	8.7E-03	9.8E-04	1.7E-01
	4.2E-02	1.4E-01	9.5E-06	1.0E-06
	7	94	987	0
	82			
02:37-----03:07	1.5E+00	8.3E-03	1.3E-03	1.5E-01
	3.5E-02	1.2E-01	1.5E-05	1.0E-06
	7	93	987	0
	200			
02:52-----03:22	2.1E+00	8.9E-03	1.3E-03	1.5E-01
	3.1E-02	1.3E-01	1.5E-05	1.0E-06
	7	92	987	0
	32			

THUNDER BAY II #34, CONT'D

TIME	CO NO2 TEMP WIND DIRECTION	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED
03:07-----03:37	1.0E+00 3.2E-02 8 225	1.0E-02 1.1E-01 92	4.9E-03 1.2E-03 987	1.3E-01 1.0E-06 1
03:22-----03:52	7.7E-02 3.3E-02 7 258	1.2E-02 7.6E-02 89	6.8E-03 1.8E-03 987	1.1E-01 1.0E-06 3
03:37-----04:07	1.4E-05 2.7E-02 6 269	1.3E-02 6.5E-02 92	3.8E-03 8.2E-04 987	9.0E-02 1.0E-06 2
03:52-----04:22	1.4E-05 2.7E-02 6 220	1.3E-02 4.3E-02 97	3.2E-03 6.4E-03 988	7.3E-02 7.8E-06 4
04:07-----04:37	1.4E-05 2.7E-02 7 230	1.2E-02 1.7E-02 92	3.4E-03 1.3E-02 988	4.9E-02 7.8E-06 7
04:22-----04:52	1.4E-05 2.8E-02 8 255	1.2E-02 3.1E-02 86	3.2E-03 1.1E-02 988	5.9E-02 1.0E-06 6
04:37-----05:07	1.4E-05 3.3E-02 7 286	1.1E-02 4.3E-02 88	2.7E-03 4.3E-03 988	7.6E-02 1.0E-06 4

STATISTICS

NUMBER OF READINGS 330

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.93E+01	3.56E-01	1.50E+00	1.96E-05	2.67E+02
H2S	6.82E-03	1.95E-02	1.07E-02	2.04E-03	1.05E-02	1.20E+00
SO2	1.00E-06	3.67E-02	1.77E-03	2.88E-03	1.10E-03	2.79E+00
NOX	1.55E-02	6.65E-01	1.27E-01	8.09E-02	1.08E-01	1.77E+00
NO2	1.00E-06	2.10E-01	3.72E-02	2.69E-02	2.16E-02	8.69E+00
NO	4.51E-04	6.71E-01	9.74E-02	7.89E-02	6.88E-02	2.62E+00
OZONE	1.00E-06	2.39E-02	2.79E-03	5.34E-03	4.49E-05	4.74E+01
SOLAR RAD	1.00E-06	4.15E-05	1.41E-06	3.61E-06	1.05E-06	1.49E+00
TEMP	5	9	7	1		
HUMIDITY	80	107	88	4	88	1
BAROMETER	986	988	987	0	987	1
WIND SPEED	0	21	2	3	0	1450

THUNDER BAY II #35

DATE: NOV 3 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: C.N.R.A. RECREATION RINK;(33050-53583),1.7KM, 55 DEG/SOURCE

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
10:36----11:06	4.2E-03 1.1E-01 82	1.3E-02 3.1E-03 992	1.0E-01 3.8E-03 3	2.0E-02 9 288
10:51----11:21	4.3E-03 1.1E-01 83	9.0E-03 2.4E-03 992	1.2E-01 4.6E-03 2	3.0E-02 9 287
11:06----11:36	4.5E-03 9.4E-02 78	8.9E-03 7.6E-03 992	1.0E-01 6.7E-03 3	2.4E-02 10 267
11:21----11:51	5.0E-03 6.9E-02 71	8.4E-03 1.2E-02 992	6.6E-02 7.3E-03 5	1.1E-02 10 267
11:36----12:06	4.9E-03 5.8E-02 68	7.9E-03 9.4E-03 992	6.3E-02 7.7E-03 4	1.9E-02 11 276
11:51----12:21	4.8E-03 6.2E-02 65	8.0E-03 1.0E-02 992	6.5E-02 1.1E-02 4	2.0E-02 11 279
12:06----12:36	5.2E-03 4.1E-02 59	8.0E-03 1.8E-02 992	4.3E-02 1.4E-02 5	1.1E-02 12 248
12:21----12:51	5.2E-03 2.2E-02 51	7.5E-03 2.4E-02 991	2.5E-02 1.5E-02 7	6.5E-03 13 239
12:36----13:06	4.3E-03 1.8E-02 47	6.9E-03 2.3E-02 991	2.3E-02 1.4E-02 8	7.8E-03 13 258
12:51----13:21	4.1E-03 1.8E-02 47	6.5E-03 2.1E-02 991	2.8E-02 1.3E-02 9	1.1E-02 13 265
13:06----13:36	4.8E-03 1.3E-02 44	6.2E-03 2.4E-02 991	2.4E-02 1.1E-02 12	1.1E-02 13 255
13:21----13:51	4.3E-03 1.0E-02 41	6.1E-03 2.6E-02 991	2.0E-02 1.1E-02 14	9.8E-03 13 258
13:36----14:06	2.0E-03 9.4E-03 38	7.7E-03 2.8E-02 991	1.8E-02 1.1E-02 12	8.9E-03 13 249
13:51----14:21	1.2E-03 9.5E-03 37	6.9E-03 3.2E-02 991	1.4E-02 7.6E-03 11	5.5E-03 13 234
14:06----14:36	9.5E-04 1.5E-02 39	6.0E-03 3.1E-02 991	1.8E-02 6.0E-03 11	6.5E-03 13 241

THUNDER BAY II #35, CONT'D PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
14:21----14:51	8.0E-04 1.5E-02 39	6.8E-03 2.8E-02 991	2.2E-02 6.3E-03 13	8.8E-03 13 241
14:36----15:06	2.6E-03 1.1E-02 39	5.3E-03 3.3E-02 991	1.7E-02 6.4E-03 14	6.4E-03 13 235

STATISTICS

NUMBER OF READINGS 279

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	7.19E-03	3.69E-03	1.94E-03	1.35E-03	1.62E+01
SO2	3.07E-03	2.73E-02	7.65E-03	3.36E-03	7.14E-03	1.42E+00
NOX	6.52E-03	2.54E-01	4.43E-02	4.06E-02	3.11E-02	2.30E+00
NO2	1.00E-06	1.09E-01	1.23E-02	1.54E-02	4.83E-03	1.20E+01
NO	4.68E-03	3.41E-01	3.99E-02	4.57E-02	2.39E-02	2.70E+00
OZONE	6.67E-04	3.89E-02	2.01E-02	1.14E-02	1.45E-02	2.74E+00
SOLAR RAD	3.48E-03	1.75E-02	8.83E-03	3.74E-03	8.05E-03	1.55E+00
TEMP	9	14	12	2		
HUMIDITY	20	85	54	17	52	1
BAROMETER	990	992	991	0	991	1
WIND SPEED	0	28	8	6	3	27

THUNDER BAY II #36

DATE: NOV 3 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 30 MIN
LOCATION: C.N.R.A. RECREATION RINK;(33050-53583),1.7KM, 55 DEG/SOURCE

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
15:36----16:06	1.6E-02 1.9E-02 36	2.7E-03 3.4E-02 991	3.3E-02 1.9E-02 13	1.3E-02 13 236
15:51----16:21	8.3E-03 2.0E-02 34	2.4E-03 3.2E-02 991	3.9E-02 1.9E-02 14	1.9E-02 14 233
16:06----16:36	4.1E-03 1.9E-02 34	2.0E-03 3.3E-02 991	3.4E-02 1.5E-02 13	1.9E-02 14 238
16:21----16:51	2.3E-03 1.6E-02 34	1.9E-03 3.4E-02 991	2.7E-02 1.1E-02 11	1.6E-02 14 231
16:36----17:06	3.3E-03 1.4E-02 35	3.4E-03 3.3E-02 991	2.4E-02 6.7E-03 11	1.3E-02 13 236
16:51----17:21	4.7E-03 1.5E-02 36	4.9E-03 3.0E-02 992	2.6E-02 3.6E-03 13	1.4E-02 13 244
17:06----17:36	6.0E-03 1.2E-02 39	5.7E-03 2.6E-02 992	2.5E-02 1.4E-03 12	1.4E-02 12 247
17:21----17:51	7.0E-03 1.5E-02 40	6.4E-03 2.3E-02 992	3.1E-02 3.9E-04 11	1.5E-02 11 256
17:36----18:06	7.9E-03 2.4E-02 39	5.2E-03 2.2E-02 993	3.5E-02 7.7E-05 11	1.7E-02 11 257
17:51----18:21	8.1E-03 3.5E-02 36	3.5E-03 1.9E-02 993	4.6E-02 1.8E-06 13	2.0E-02 11 265
18:06----18:36	7.5E-03 4.2E-02 35	2.8E-03 1.4E-02 993	6.2E-02 1.0E-06 13	2.5E-02 10 270

STATISTICS

NUMBER OF READINGS 123

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.58E-03	2.90E-02	7.38E-03	4.86E-03	6.18E-03	1.83E+00
SO2	1.53E-03	1.70E-02	3.64E-03	2.32E-03	3.16E-03	1.65E+00
NOX	1.39E-02	2.99E-01	3.92E-02	3.58E-02	3.16E-02	1.81E+00
NO2	1.00E-06	2.51E-01	1.96E-02	2.92E-02	6.06E-03	1.72E+01
NO	6.15E-03	2.02E-01	2.35E-02	2.74E-02	1.74E-02	1.98E+00
OZONE	7.88E-03	3.58E-02	2.66E-02	8.18E-03	2.49E-02	1.48E+00
SOLAR RAD	1.00E-06	2.63E-02	6.87E-03	8.05E-03	4.58E-04	5.24E+01
TEMP	10	14	12	1		
HUMIDITY	33	43	36	2	36	1
BAROMETER	991	994	992	1	992	1
WIND SPEED	4	26	13	5	12	1

THUNDER BAY II #37

DATE: NOV 3 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: C.N.R.A. RECREATION RINK;(33050-53583),1.7KM, 55 DEG/SOURCE

TIME	H2S HUMIDITY	SO2 BAROMETER	OZONE WIND SPEED	TEMP WIND DIRECTI
19:19----19:49	5.4E-03 40	2.1E-03 995	2.3E-02 13	9 271
19:34----20:04	5.7E-03 42	2.1E-03 996	2.2E-02 13	9 269
19:49----20:19	5.5E-03 44	2.2E-03 996	1.8E-02 13	8 266
20:04----20:34	5.3E-03 46	2.2E-03 996	1.7E-02 12	8 263
20:19----20:49	5.3E-03 46	2.0E-03 996	2.0E-02 12	8 267
20:34----21:04	5.2E-03 47	2.1E-03 997	2.0E-02 13	8 269
20:49----21:19	5.1E-03 48	3.2E-03 997	1.9E-02 16	8 267
21:04----21:34	5.7E-03 49	3.2E-03 997	1.9E-02 17	8 265
21:19----21:49	6.5E-03 50	2.3E-03 998	1.8E-02 17	7 260
21:34----22:04	7.3E-03 51	2.5E-03 998	1.5E-02 16	7 259
21:49----22:19	7.9E-03 53	2.6E-03 998	1.5E-02 17	7 262
22:04----22:34	9.7E-03 54	2.7E-03 999	1.4E-02 16	7 262
22:19----22:49	1.3E-02 56	3.0E-03 999	1.3E-02 14	7 260
22:34----23:04	1.3E-02 58	3.6E-03 999	1.6E-02 14	7 256
22:49----23:19	1.1E-02 59	8.4E-03 999	1.9E-02 14	6 253
23:04----23:34	1.0E-02 59	1.1E-02 999	1.9E-02 13	6 254
23:19----23:49	1.0E-02 59	6.7E-03 999	1.7E-02 13	6 256
23:34----00:04	9.8E-03 60	4.0E-03 1000	1.6E-02 15	6 256
23:49----00:19	8.9E-03 61	3.7E-03 1000	1.7E-02 15	6 253
00:04----00:34	7.5E-03 61	3.9E-03 1000	2.0E-02 13	6 250

THUNDER BAY II #37: CONT'D

TIME	H2S HUMIDITY	SO2 BAROMETER	OZONE WIND SPEED	TEMP WIND DIRECTI
00:19-----00:49	5.9E-03 60	4.1E-03 1001	2.2E-02 11	6 245
00:34-----01:04	5.0E-03 60	3.7E-03 1001	2.3E-02 9	5 235
00:49-----01:19	4.6E-03 60	3.3E-03 1001	2.4E-02 7	5 229
01:04-----01:34	4.1E-03 60	3.5E-03 1001	2.3E-02 5	5 232
01:19-----01:49	3.8E-03 60	3.3E-03 1002	2.3E-02 6	5 228
01:34-----02:04	3.7E-03 61	1.6E-02 1002	2.2E-02 7	5 226
01:49-----02:19	3.8E-03 61	2.4E-02 1002	2.2E-02 6	5 228
02:04-----02:34	4.2E-03 64	1.3E-02 1002	2.3E-02 5	5 234
02:19-----02:49	4.9E-03 68	7.3E-03 1003	2.0E-02 2	4 244
02:34-----03:04	6.4E-03 71	6.8E-03 1003	1.4E-02 1	4 252
02:49-----03:19	9.3E-03 73	6.7E-03 1003	9.2E-03 0	4 243
03:04-----03:34	1.2E-02 74	5.4E-03 1004	6.5E-03 0	4 240
03:19-----03:49	1.4E-02 76	5.3E-03 1004	5.6E-03 0	3 241
03:34-----04:04	1.3E-02 76	5.9E-03 1004	1.2E-02 2	3 244
03:49-----04:19	9.9E-03 76	8.6E-03 1004	1.5E-02 2	3 245
04:04-----04:34	1.1E-02 78	8.9E-03 1004	1.0E-02 0	3 249
04:19-----04:49	1.1E-02 80	5.1E-03 1005	1.1E-02 0	2 264
04:34-----05:04	9.0E-03 81	3.8E-03 1005	1.1E-02 1	2 255
04:49-----05:19	1.1E-02 82	4.4E-03 1005	1.1E-02 2	2 245
05:04-----05:34	1.0E-02 82	5.3E-03 1005	1.4E-02 4	2 243
05:19-----05:49	7.7E-03 82	5.4E-03 1006	1.4E-02 4	2 240
05:34-----06:04	6.9E-03 81	5.2E-03 1006	1.3E-02 4	2 237
05:49-----06:19	5.7E-03 79	5.3E-03 1006	1.4E-02 5	2 240

TIME	H2S HUMIDITY	SO2 BAROMETER	OZONE WIND SPEED	TEMP WIND DIRECTI
06:04-----06:34	4.7E-03 78	5.2E-03 1007	1.5E-02 5	2 241
06:19-----06:49	4.3E-03 76	4.8E-03 1007	1.6E-02 4	2 237
06:34-----07:04	3.6E-03 75	5.7E-03 1007	1.7E-02 3	2 237
06:49-----07:19	2.8E-03 76	6.4E-03 1007	1.7E-02 3	2 239
07:04-----07:34	2.5E-03 76	5.0E-03 1007	1.9E-02 4	2 240
07:19-----07:49	2.4E-03 75	3.4E-03 1008	2.1E-02 4	2 235
07:34-----08:04	2.1E-03 74	3.0E-03 1008	2.1E-02 6	2 232
07:49-----08:19	2.0E-03 73	3.5E-03 1008	2.0E-02 6	3 230
08:04-----08:34	1.9E-03 72	4.9E-03 1008	1.9E-02 5	3 230
08:19-----08:49	1.7E-03 70	4.7E-03 1009	2.0E-02 5	3 236
08:34-----09:04	1.2E-03 69	3.8E-03 1009	2.0E-02 4	4 243

STATISTICS

NUMBER OF READINGS 825

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	2.91E-04	1.89E-02	6.66E-03	3.68E-03	5.57E-03	1.92E+00
SO2	1.65E-03	7.22E-02	5.23E-03	6.59E-03	4.12E-03	1.76E+00
OZONE	1.46E-03	2.55E-02	1.72E-02	5.10E-03	1.62E-02	1.49E+00
TEMP	2	9	5	2		
HUMIDITY	37	85	65	12	63	1
BAROMETER	995	1009	1002	4	1002	1
WIND SPEED	0	26	8	6	2	60

THUNDER BAY II #38

DATE: NOV 4 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: INDIAN RESERVE LOOKOUT RD.;(33170-53571),2.6KM, 110 DEG/SOURCE

TIME	H2S TEMP WIND DIRECTION	SO2 HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
09:17----09:47	5.5E-03 6 262	4.7E-02 65	5.3E-03 1009	1.0E-02 5
09:32----10:02	8.3E-03 6 265	5.0E-02 63	6.8E-03 1009	1.1E-02 6
09:47----10:17	8.7E-03 7 255	4.1E-02 56	9.5E-03 1010	1.6E-02 4
10:02----10:32	8.0E-03 9 233	3.2E-02 49	1.3E-02 1010	2.2E-02 4
10:17----10:47	8.3E-03 10 238	2.4E-02 46	1.7E-02 1010	2.4E-02 4
10:32----11:02	7.9E-03 10 253	6.3E-02 45	1.6E-02 1010	2.7E-02 4
10:47----11:17	7.4E-03 10 254	9.2E-02 45	1.2E-02 1010	2.8E-02 4
11:02----11:32	4.3E-03 11 253	5.4E-02 44	1.2E-02 1010	2.9E-02 4
11:17----11:47	3.1E-03 12 263	2.3E-02 41	1.6E-02 1010	3.1E-02 3
11:32----12:02	2.7E-03 13 255	1.0E-02 36	2.1E-02 1010	3.2E-02 3
11:47----12:17	3.7E-04 13 250	4.8E-03 33	2.6E-02 1010	3.4E-02 3
12:02----12:32	1.0E-06 14 252	5.9E-03 32	2.7E-02 1010	3.5E-02 4
12:17----12:47	1.0E-06 14 248	6.4E-03 30	2.7E-02 1010	3.6E-02 4
12:32----13:02	1.0E-06 14 247	5.1E-03 30	2.9E-02 1010	3.6E-02 3

THUNDER BAY II #38 CONT'D

STATISTICS

NUMBER OF READINGS 235

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	2.48E-02	4.25E-03	4.21E-03	1.96E-04	7.26E+01
SO2	3.00E-03	2.63E-01	3.09E-02	4.12E-02	1.71E-02	2.98E+00
OZONE	2.94E-03	3.14E-02	1.75E-02	8.84E-03	1.49E-02	1.84E+00
SOLAR RAD	7.96E-03	3.62E-02	2.67E-02	8.93E-03	2.46E-02	1.55E+00
TEMP	5	15	11	3		
HUMIDITY	27	67	44	12	42	1
BAROMETER	1009	1011	1010	0	1010	1
WIND SPEED	0	17	4	3	2	26

THUNDER BAY II #39

DATE: NOV 5 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 30 MIN
LOCATION: BROADWAY ST. & HWY #61;(32835-53579),0.9KM: 315 DEG/SOURCE

TIME	H2S HUMIDITY	SO2 WIND SPEED	OZONE WIND DIRECTION	TEMP
14:30-----15:00	5.5E-03 41	1.1E-02 6	1.7E-02 165	10
14:45-----15:15	3.0E-04 42	3.7E-03 7	2.2E-02 175	9
15:00-----15:30	9.2E-05 44	2.5E-03 9	2.2E-02 175	8
15:15-----15:45	3.9E-04 46	2.2E-03 8	2.0E-02 178	8
15:30-----16:00	9.6E-04 47	2.2E-03 6	1.5E-02 181	7
15:45-----16:15	1.4E-03 49	2.2E-03 7	1.1E-02 191	6
16:00-----16:30	1.4E-03 52	2.2E-03 8	1.1E-02 195	6
16:15-----16:45	1.3E-03 55	2.2E-03 7	1.3E-02 191	6
16:30-----17:00	1.2E-03 58	2.0E-03 8	2.2E-02 175	6
16:45-----17:15	1.5E-03 61	2.1E-03 12	2.9E-02 161	6
17:00-----17:30	1.5E-03 63	2.1E-03 13	2.7E-02 164	6
17:15-----17:45	8.8E-04 64	1.9E-03 9	2.2E-02 176	6
17:30-----18:00	5.7E-04 65	1.8E-03 6	1.7E-02 190	5
17:45-----18:15	8.8E-04 65	1.9E-03 3	1.7E-02 190	5
18:00-----18:30	1.0E-03 66	1.9E-03 2	1.7E-02 170	5
18:15-----18:45	8.0E-04 66	1.7E-03 4	2.3E-02 169	5
18:30-----19:00	7.1E-04 66	2.2E-03 3	1.8E-02 171	5
18:45-----19:15	7.7E-04 68	2.9E-03 1	4.2E-03 175	4
19:00-----19:30	6.5E-04 75	2.5E-03 1	2.8E-04 336	3
19:15-----19:45	5.3E-04 83	2.0E-03 2	1.4E-06 334	2

THUNDER BAY II #39, CONT'D

TIME	H2S HUMIDITY	SO2 WIND SPEED	OZONE WIND DIRECTION	TEMP
19:30-----20:00	4.0E-04 85	2.3E-03 2	1.4E-06 337	1
19:45-----20:15	4.1E-04 84	3.4E-03 1	1.4E-06 349	1
20:00-----20:30	6.2E-04 85	4.8E-03 0	1.4E-06 339	1
20:15-----20:45	5.2E-04 86	5.3E-03 0	1.4E-06 14	1
20:30-----21:00	4.4E-04 85	5.8E-03 0	1.4E-06 34	2
20:45-----21:15	5.5E-04 88	4.6E-03 0	1.4E-06 207	1
21:00-----21:30	6.3E-04 93	2.3E-03 1	1.4E-06 206	1
21:15-----21:45	6.0E-04 94	2.4E-03 0	1.4E-06 206	1
21:30-----22:00	5.5E-04 96	2.2E-03 0	1.4E-06 219	1
21:45-----22:15	5.1E-04 98	1.8E-03 0	1.4E-06 233	0
22:00-----22:30	7.1E-04 99	1.8E-03 0	1.4E-06 285	0
22:15-----22:45	8.9E-04 97	2.0E-03 0	1.4E-06 303	-0
22:30-----23:00	1.1E-03 97	2.1E-03 0	1.4E-06 297	-0
22:45-----23:15	1.4E-03 99	2.0E-03 0	1.4E-06 88	-0
23:00-----23:30	1.7E-03 101	2.3E-03 0	2.8E-04 92	-0
23:15-----23:45	1.5E-03 106	2.2E-03 1	3.5E-03 85	0
23:30-----00:00	5.6E-04 102	1.9E-03 1	3.2E-03 77	1
23:45-----00:15	3.0E-04 96	2.0E-03 0	1.4E-06 287	0
00:00-----00:30	4.3E-04 98	2.0E-03 0	1.4E-06 294	0
00:15-----00:45	2.0E-04 99	1.7E-03 0	1.4E-06 289	-0
00:30-----01:00	5.6E-05 99	1.7E-03 0	1.4E-06 63	-0
00:45-----01:15	7.6E-04 102	1.6E-03 1	2.5E-04 71	-1
01:00-----01:30	1.1E-03 103	1.6E-03 0	2.5E-04 82	-1

TIME	H2S HUMIDITY	SO2 WIND SPEED	OZONE WIND DIRECTION	TEMP
01:15----01:45	8.5E-04 102	1.3E-03 1	1.4E-06 214	-1
01:30----02:00	1.0E-03 102	5.9E-04 1	1.4E-06 214	-1
01:45----02:15	1.1E-03 101	6.3E-04 0	1.4E-06 213	-1
02:00----02:30	8.2E-04 101	7.7E-04 0	1.4E-06 200	-1
02:15----02:45	3.3E-04 101	1.1E-03 1	7.8E-04 183	-1
02:30----03:00	3.7E-05 104	7.0E-04 3	5.4E-03 183	-1
02:45----03:15	1.1E-06 105	2.9E-04 3	5.5E-03 187	-1
03:00----03:30	1.1E-06 111	3.6E-04 2	1.0E-02 202	-1
03:15----03:45	1.1E-06 118	4.0E-04 3	2.3E-02 213	2
03:30----04:00	1.1E-06 113	1.3E-03 4	2.7E-02 203	4
03:45----04:15	1.1E-06 105	3.7E-03 5	2.5E-02 179	4
04:00----04:30	1.1E-06 102	4.5E-03 4	2.2E-02 172	4
04:15----04:45	1.1E-06 100	3.7E-03 3	2.2E-02 167	5
04:30----05:00	1.1E-06 98	2.8E-03 3	1.9E-02 167	5
04:45----05:15	1.1E-06 95	2.4E-03 1	8.6E-03 167	4
05:00----05:30	1.1E-06 95	3.3E-03 0	1.9E-03 163	3
05:15----05:45	1.1E-06 98	4.4E-03 1	1.5E-03 144	3
05:30----06:00	1.1E-06 102	5.6E-03 2	3.1E-03 152	3
05:45----06:15	1.1E-06 104	5.9E-03 2	8.0E-03 155	3
06:00----06:30	1.1E-06 101	4.7E-03 0	6.8E-03 155	3
06:15----06:45	5.5E-06 99	3.7E-03 0	1.6E-03 320	3
06:30----07:00	5.5E-06 100	5.3E-03 0	2.9E-04 57	3

STATISTICS

NUMBER OF READINGS 663

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.51E-02	7.17E-04	1.45E-03	4.60E-05	2.96E+01
SO2	1.00E-06	2.41E-02	2.80E-03	2.69E-03	1.82E-03	3.44E+00
OZONE	1.00E-06	3.23E-02	9.10E-03	1.08E-02	1.01E-04	1.13E+02
TEMP	-2	10	3	3		
HUMIDITY	40	127	86	21	83	1
WIND SPEED	0	21	3	4	0	1216

THUNDER BAY II #43

DATE: NOV 5 1977
SCAN TIME: 150 SEC
AVERAGING TIME: 30 MIN
LOCATION: G.L.P.&P. WOODLOT;(32875-53583),0.8KM, 350 DEG/SOURCE

TIME	H2S WIND SPEED	SO2 WIND DIRECTION	TEMP	HUMIDITY
16:10-----16:40	4.0E-03 4	3.6E-03 190	10	60
16:25-----16:55	4.8E-03 5	4.0E-03 170	10	60
16:40-----17:10	5.5E-03 6	2.7E-03 145	9	62
16:55-----17:25	8.9E-03 7	1.8E-03 148	8	67
17:10-----17:40	1.1E-02 5	2.9E-03 160	8	72
17:25-----17:55	1.1E-02 6	4.5E-03 203	8	74
17:40-----18:10	1.1E-02 7	6.2E-03 213	8	74
17:55-----18:25	7.1E-03 5	1.1E-02 209	7	76
18:10-----18:40	5.1E-03 2	1.1E-02 208	7	78
18:25-----18:55	5.6E-03 0	4.7E-03 17	7	81
18:40-----19:10	6.7E-03 1	2.7E-03 33	7	84
18:55-----19:25	7.3E-03 0	2.2E-03 4	7	85
19:10-----19:40	7.6E-03 0	1.6E-03 320	6	83
19:25-----19:55	7.9E-03 0	1.2E-03 320	6	84
19:40-----20:10	7.8E-03 0	1.0E-03 40	6	84
19:55-----20:25	7.7E-03 0	1.2E-03 40	6	87
20:10-----20:40	7.6E-03 0	2.7E-03 28	5	90
20:25-----20:55	6.5E-03 0	3.5E-03 322	5	93
20:40-----21:10	5.8E-03 0	2.1E-03 320	5	92
20:55-----21:25	6.4E-03 0	1.0E-03 318	5	91

THUNDER BAY II #43, CONT'D

TIME	H2S WIND SPEED	SO2 WIND DIRECTION	TEMP	HUMIDITY
21:10----21:40	6.4E-03 0	8.8E-04 319	5	93

STATISTICS

NUMBER OF READINGS 132

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	2.08E-03	1.61E-02	7.07E-03	2.45E-03	6.65E-03	1.44E+00
SO2	5.44E-04	3.97E-02	3.37E-03	4.17E-03	2.37E-03	2.17E+00
TEMP	5	11	7	2		
HUMIDITY	59	96	79	11	79	1
WIND SPEED	0	14	3	3	0	1787

THUNDER BAY II #44

DATE: NOV 6 1977
SCAN TIME: 120 SEC
AVERAGING TIME: 30 MIN
LOCATION: BROADWAY ST. & HWY #61;(32835-53580),1KM, 315 DEG/SOURCE

TIME	H2S WIND SPEED	SO2 WIND DIRECTION	TEMP	HUMIDITY
11:47----12:17	3.9E-03 5	4.8E-03 77	8	100
11:57----12:27	1.3E-03 10	5.0E-03 79	9	101
12:07----12:37	2.3E-04 13	4.8E-03 81	9	97
12:17----12:47	1.0E-06 14	4.8E-03 82	9	93
12:27----12:57	1.0E-06 14	4.9E-03 84	9	91
12:37----13:07	5.4E-06 14	5.0E-03 84	9	89
12:47----13:17	1.2E-04 16	5.0E-03 84	9	88
12:57----13:27	3.2E-04 17	5.0E-03 85	9	87
13:07----13:37	6.3E-04 17	5.0E-03 86	9	87
13:17----13:47	9.8E-04 15	5.1E-03 86	9	87
13:27----13:57	1.3E-03 15	5.1E-03 85	9	87
13:37----14:07	1.7E-03 14	5.2E-03 86	9	85
13:47----14:17	1.9E-03 15	5.2E-03 87	9	83
13:57----14:27	2.0E-03 14	5.4E-03 87	9	82
14:07----14:37	2.1E-03 14	5.4E-03 83	9	81
14:17----14:47	2.2E-03 13	5.5E-03 82	9	81
14:27----14:57	3.8E-03 14	5.4E-03 80	9	81
14:37----15:07	4.6E-03 13	5.3E-03 85	9	80

STATISTICS

NUMBER OF READINGS 101

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.04E-02	1.94E-03	2.26E-03	2.60E-04	2.99E+01
SO2	3.98E-03	6.41E-03	5.10E-03	3.60E-04	5.09E-03	1.07E+00
TEMP	7	10	9	1		
HUMIDITY	79	106	88	8	88	1
WIND SPEED	0	24	13	5	8	12

THUNDER BAY II #45

DATE: NOV 6 1977
SCAN TIME: 120 SEC
AVERAGING TIME: 30 MIN
LOCATION: 1/2 MI.E BROADWAY & HWY#61;(32840-53577),0.8KM, 290 DEG/SOURCE

TIME	H2S WIND SPEED	SO2 WIND DIRECTION	TEMP	HUMIDITY
15:36----16:06	9.8E-03 9	3.1E-05 54	9	83
15:46----16:16	9.1E-03 9	4.5E-05 66	9	83
15:56----16:26	9.7E-03 8	7.8E-05 66	9	82
16:06----16:36	8.6E-03 8	4.8E-05 68	9	81
16:16----16:46	8.1E-03 6	3.4E-05 76	9	80
16:26----16:56	8.2E-03 5	1.0E-04 84	9	80
16:36----17:06	8.0E-03 5	2.5E-04 101	9	79
16:46----17:16	7.9E-03 4	6.7E-04 98	10	78
16:56----17:26	6.4E-03 5	1.0E-03 113	9	78
17:06----17:36	7.2E-03 4	1.0E-03 110	9	80
17:16----17:46	7.4E-03 6	6.2E-04 114	9	81

STATISTICS

NUMBER OF READINGS 66

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.53E-02	8.22E-03	2.67E-03	6.99E-03	3.13E+00
SO2	1.00E-06	1.75E-03	3.11E-04	5.22E-04	1.32E-05	2.24E+01
TEMP	5	10	9	1		
HUMIDITY	77	95	81	3	81	1
WIND SPEED	0	17	8	4	5	8

THUNDER BAY II #46

DATE: NOV 6 1977
SCAN TIME: 120 SEC
AVERAGING TIME: 30 MIN
LOCATION: BROADWAY ST. & HWY #61;(32835-53580),1KM, 315 DEG/SOURCE

TIME	H2S WIND DIRECTION	SO2	TEMP	WIND SPEED
18:04----18:34	1.2E-03 87	1.0E-06	7	6
18:14----18:44	1.3E-03 87	1.0E-06	7	4
18:24----18:54	1.5E-03 84	7.1E-05	7	2
18:34----19:04	1.6E-03 81	7.1E-05	7	2
18:44----19:14	1.6E-03 79	7.1E-05	7	2
18:54----19:24	1.1E-03 66	1.0E-06	7	2
19:04----19:34	9.8E-04 51	1.0E-06	7	2
19:14----19:44	8.5E-04 25	1.0E-06	6	3
19:24----19:54	1.3E-03 8	6.8E-05	6	2
19:34----20:04	1.3E-03 355	2.6E-04	6	2
19:44----20:14	1.2E-03 355	2.6E-04	6	1
19:54----20:24	1.1E-03 353	7.1E-04	6	0
20:04----20:34	9.8E-04 35	6.6E-04	6	2
20:14----20:44	8.0E-04 40	6.6E-04	6	4
20:24----20:54	3.3E-04 42	1.5E-04	7	5
20:34----21:04	1.4E-04 34	6.5E-05	7	4
20:44----21:14	8.7E-05 32	7.8E-05	7	2
20:54----21:24	2.7E-04 357	2.2E-04	7	1
21:04----21:34	2.9E-04 29	1.5E-04	8	1
21:14----21:44	3.2E-04 14	1.4E-04	8	2

THUNDER BAY II #46, CONT'D

TIME	H2S	SO2	TEMP	WIND SPEED
	WIND DIRECTION			
21:24----21:54	5.6E-05 21	1.3E-04	8	2
21:34----22:04	2.9E-05 27	1.3E-04	8	3
21:44----22:14	2.9E-06 34	1.3E-04	8	3
21:54----22:24	1.4E-06 48	1.0E-06	8	4
22:04----22:34	1.4E-06 73	1.0E-06	8	5
22:14----22:44	1.4E-06 83	1.0E-06	8	6
22:24----22:54	1.0E-06 83	1.0E-06	8	5
22:34----23:04	8.9E-06 55	1.0E-06	8	2
22:44----23:14	8.9E-06 343	1.0E-06	8	3
22:54----23:24	8.9E-06 339	1.0E-06	8	3
23:04----23:34	1.0E-06 338	1.0E-06	8	2
23:14----23:44	1.1E-05 349	1.4E-05	9	1
23:24----23:54	6.6E-05 348	2.3E-04	9	0
23:34----00:04	7.4E-04 72	2.3E-04	9	0
23:44----00:14	3.5E-03 120	2.2E-04	9	1
23:54----00:24	7.6E-03 105	1.0E-06	9	4
00:04----00:34	1.0E-02 103	1.0E-06	9	5
00:14----00:44	1.0E-02 98	1.0E-06	9	6
00:24----00:54	1.0E-02 96	1.0E-06	9	6
00:34----01:04	9.7E-03 95	1.0E-06	9	7
00:44----01:14	9.4E-03 92	1.0E-06	9	6
00:54----01:24	7.6E-03 87	1.0E-06	9	6
01:04----01:34	7.5E-03 85	1.0E-06	9	7

THUNDER BAY II #46, CONT'D

TIME	H2S WIND DIRECTION	SO2	TEMP	WIND SPEED
01:14----01:44	6.5E-03 84	1.0E-06	9	8
01:24----01:54	5.0E-03 86	1.0E-06	9	7
01:34----02:04	2.1E-03 87	1.0E-06	9	6
01:44----02:14	9.4E-04 83	1.0E-06	9	5
01:54----02:24	3.2E-04 77	1.0E-06	9	4
02:04----02:34	8.1E-05 79	1.0E-06	9	5
02:14----02:44	1.1E-06 82	1.0E-06	9	5
02:24----02:54	1.1E-06 85	1.0E-06	9	6
02:34----03:04	2.1E-05 80	1.0E-06	9	5
02:44----03:14	2.1E-05 85	1.0E-06	9	5
02:54----03:24	3.0E-05 87	1.0E-06	9	6
03:04----03:34	7.8E-04 90	5.1E-05	9	5
03:14----03:44	1.1E-03 86	2.1E-04	9	3
03:24----03:54	1.3E-03 72	2.3E-04	9	1
03:34----04:04	5.4E-04 68	1.8E-04	10	1
03:44----04:14	2.5E-04 74	1.9E-05	10	3
03:54----04:24	1.1E-06 77	1.0E-06	9	4
04:04----04:34	1.1E-06 72	1.0E-06	9	4
04:14----04:44	1.1E-06 64	1.0E-06	9	3
04:24----04:54	1.1E-06 50	1.0E-06	9	3
04:34----05:04	1.1E-06 54	1.0E-06	9	2
04:44----05:14	1.9E-05 69	1.0E-06	9	2
04:54----05:24	2.1E-05 90	1.0E-06	9	3

THUNDER BAY II #46, CONT'D

TIME	H2S WIND DIRECTION	SO2	TEMP	WIND SPEED
05:04-----05:34	9.4E-05 93	1.0E-06	9	5
05:14-----05:44	7.7E-05 93	1.0E-06	9	5
05:24-----05:54	7.5E-05 90	1.0E-06	9	6
05:34-----06:04	1.1E-06 82	1.0E-06	9	5
05:44-----06:14	1.1E-06 80	1.0E-06	9	6
05:54-----06:24	1.1E-06 79	1.0E-06	9	6
06:04-----06:34	1.1E-06 89	1.0E-06	9	8
06:14-----06:44	6.9E-05 93	1.0E-06	9	8
06:24-----06:54	9.4E-04 101	1.0E-06	9	7
06:34-----07:04	2.7E-03 105	2.1E-05	9	6
06:44-----07:14	4.8E-03 109	1.4E-04	9	0
06:54-----07:24	5.5E-03 120	4.3E-04	9	12
07:04-----07:34	5.2E-03 125	6.2E-04	9	11
07:14-----07:44	5.3E-03 128	6.3E-04	9	11
07:24-----07:54	5.9E-03 122	4.0E-04	9	7
07:34-----08:04	6.4E-03 115	1.9E-04	9	7
07:44-----08:14	6.0E-03 102	6.2E-05	9	7
07:54-----08:24	4.5E-03 98	2.9E-06	8	7
08:04-----08:34	2.5E-03 91	1.0E-06	8	6
08:14-----08:44	8.4E-04 91	1.0E-06	8	6

STATISTICS

NUMBER OF READINGS 440

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.42E-02	1.89E-03	3.11E-03	5.73E-05	4.76E+01
SO2	1.00E-06	3.47E-03	9.04E-05	3.68E-04	2.00E-06	7.32E+00
TEMP	6	10	8	1		
WIND SPEED	0	27	5	4	1	153

THUNDER BAY II #47

DATE: OCT 23 1977
SCAN TIME: 120 SEC
AVERAGING TIME: 30 MIN
LOCATION: MT. MCKAY RD.(32920-53567);0.7KM & 180 DGS / SOURCE

TIME	H2S NO	SO2 OZONE	NOX	NO2
10:45-----11:15	3.4E-02 1.6E-02	5.3E-03 1.4E-02	3.2E-02	7.2E-03
10:55-----11:25	3.1E-02 1.6E-02	7.7E-03 1.5E-02	3.1E-02	6.9E-03
11:05-----11:35	2.9E-02 1.6E-02	8.9E-03 1.3E-02	3.1E-02	6.8E-03
11:15-----11:45	2.9E-02 1.6E-02	8.1E-03 1.2E-02	3.1E-02	7.2E-03
11:25-----11:55	2.8E-02 1.6E-02	7.7E-03 1.2E-02	3.2E-02	7.7E-03
11:35-----12:05	2.7E-02 1.6E-02	6.8E-03 1.3E-02	3.3E-02	8.3E-03

STATISTICS

NUMBER OF READINGS 42

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.76E-02	3.97E-02	2.94E-02	4.95E-03	2.90E-02	1.19E+00
SO2	1.00E-06	9.87E-03	6.86E-03	2.73E-03	3.15E-03	1.43E+01
NOX	2.96E-02	3.53E-02	3.19E-02	1.26E-03	3.19E-02	1.04E+00
NO2	5.27E-03	9.76E-03	7.52E-03	1.26E-03	7.42E-03	1.18E+00
NO	1.57E-02	1.89E-02	1.62E-02	5.57E-04	1.62E-02	1.03E+00
OZONE	1.00E-06	3.35E-02	1.27E-02	9.86E-03	4.84E-03	1.34E+01

THUNDER BAY II #50

DATE: NOV 2 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 30 MIN
LOCATION: BROADWAY & NEEBING (32900-53581); 0.8KM & 350 DGS / SOURCE

TIME	H2S NO	SO2 OZONE	NOX	NO2
13:40----14:10	1.7E-01 3.1E-02	1.6E-02 8.9E-03	8.1E-02	1.8E-02
13:55----14:25	1.6E-01 2.8E-02	1.6E-02 1.3E-02	7.7E-02	1.9E-02
14:10----14:40	6.6E-02 2.5E-02	1.4E-02 1.2E-02	7.2E-02	2.0E-02
14:25----14:55	6.1E-02 2.7E-02	1.3E-02 1.1E-02	7.9E-02	2.7E-02
14:40----15:10	6.8E-02 2.9E-02	1.2E-02 1.1E-02	8.6E-02	3.0E-02
14:55----15:25	8.2E-02 2.8E-02	1.2E-02 1.3E-02	8.0E-02	2.4E-02
15:10----15:40	1.1E-01 2.3E-02	1.2E-02 1.7E-02	6.8E-02	2.0E-02
15:25----15:55	1.1E-01 2.2E-02	1.7E-02 1.5E-02	6.6E-02	2.0E-02
15:40----16:10	9.9E-02 2.3E-02	1.9E-02 1.3E-02	7.1E-02	2.2E-02
15:55----16:25	7.8E-02 2.2E-02	1.5E-02 1.3E-02	6.5E-02	1.8E-02
16:10----16:40	6.1E-02 1.8E-02	1.3E-02 1.4E-02	5.7E-02	1.7E-02

STATISTICS

NUMBER OF READINGS 192

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	5.12E-03	6.22E-01	9.29E-02	7.88E-02	7.59E-02	1.83E+00
SO2	9.76E-03	9.03E-02	1.42E-02	6.48E-03	1.37E-02	1.27E+00
NOX	4.60E-02	1.76E-01	7.17E-02	2.09E-02	6.93E-02	1.29E+00
NO2	1.00E-06	1.49E-01	2.08E-02	1.89E-02	6.33E-03	2.32E+01
NO	1.61E-02	7.55E-02	2.45E-02	9.71E-03	2.32E-02	1.35E+00
OZONE	1.00E-06	4.71E-02	1.28E-02	8.09E-03	8.02E-03	5.88E+00

THUNDER BAY II #53

DATE: NOV 3 1977
SCAN TIME: 180 SEC
AVERAGING TIME: 30 MIN
LOCATION: HACQUOIL CONST.(32985-53579); 1.1 KM & 45 DGS / SOURCE

TIME	H2S NO	SO2 OZONE	NOX	NO2
16:30-----17:00	1.0E-06 1.3E-02	1.7E-02 2.4E-02	2.9E-02	2.1E-03
16:45-----17:15	1.0E-06 1.3E-02	1.2E-02 2.3E-02	3.0E-02	1.3E-03
17:00-----17:30	1.0E-06 1.3E-02	2.1E-03 1.8E-02	3.0E-02	1.6E-03
17:15-----17:45	1.0E-06 1.3E-02	1.2E-03 1.8E-02	3.0E-02	1.2E-03
17:30-----18:00	6.2E-04 1.3E-02	3.9E-04 1.4E-02	3.1E-02	3.7E-03
17:45-----18:15	1.2E-03 1.6E-02	8.3E-05 6.4E-03	4.4E-02	1.3E-02
18:00-----18:30	3.0E-03 1.6E-02	7.1E-05 7.6E-03	5.0E-02	1.8E-02
18:15-----18:45	3.1E-03 1.3E-02	5.1E-05 7.1E-03	4.2E-02	1.4E-02
18:30-----19:00	6.1E-04 1.2E-02	1.6E-05 4.8E-03	3.4E-02	8.4E-03
18:45-----19:15	1.0E-06 1.0E-02	1.1E-06 9.0E-03	2.7E-02	4.4E-03
19:00-----19:30	1.8E-04 1.0E-02	1.1E-06 8.1E-03	2.9E-02	5.5E-03
19:15-----19:45	1.8E-04 1.0E-02	1.1E-06 1.1E-02	2.9E-02	6.6E-03
19:30-----20:00	1.0E-03 1.2E-02	1.1E-06 7.7E-03	3.5E-02	9.3E-03
19:45-----20:15	3.8E-03 1.4E-02	1.1E-06 8.8E-03	4.2E-02	1.4E-02
20:00-----20:30	7.3E-03 1.2E-02	1.1E-06 1.8E-02	3.8E-02	1.3E-02
20:15-----20:45	1.0E-02 1.2E-02	1.1E-06 1.5E-02	3.9E-02	1.5E-02
20:30-----21:00	1.0E-02 1.2E-02	1.1E-06 8.8E-03	3.7E-02	1.4E-02
20:45-----21:15	1.0E-02 1.1E-02	1.1E-06 1.0E-02	3.2E-02	9.4E-03
21:00-----21:30	9.5E-03 1.0E-02	1.1E-06 1.6E-02	2.9E-02	6.8E-03
21:15-----21:45	5.8E-03 1.0E-02	1.1E-06 1.6E-02	2.6E-02	4.1E-03

TIME	H2S NO	SO2 OZONE	NOX	NO2
21:30----22:00	4.8E-03 1.0E-02	1.1E-06 1.6E-02	2.7E-02	4.9E-03
21:45----22:15	3.9E-03 1.0E-02	1.1E-06 1.5E-02	2.7E-02	5.3E-03
22:00----22:30	2.2E-03 9.8E-03	1.1E-06 1.3E-02	2.6E-02	4.9E-03
22:15----22:45	7.7E-04 9.5E-03	1.1E-06 1.1E-02	2.5E-02	3.7E-03
22:30----23:00	1.1E-06 9.3E-03	9.1E-04 1.2E-02	2.2E-02	1.2E-03
22:45----23:15	1.1E-06 9.3E-03	3.8E-03 1.8E-02	2.1E-02	4.7E-04
23:00----23:30	1.1E-06 9.3E-03	3.3E-03 1.7E-02	2.1E-02	3.4E-04
23:15----23:45	1.1E-06 9.3E-03	3.3E-04 1.5E-02	2.3E-02	2.4E-03
23:30----00:00	1.4E-03 9.4E-03	1.1E-06 1.4E-02	2.4E-02	2.8E-03
23:45----00:15	1.4E-03 9.4E-03	1.1E-06 1.3E-02	2.2E-02	9.0E-04
00:00----00:30	1.1E-06 9.2E-03	1.1E-06 1.7E-02	2.1E-02	2.4E-04
00:15----00:45	1.1E-06 8.8E-03	1.1E-06 1.8E-02	2.0E-02	9.6E-05
00:30----01:00	1.1E-06 8.6E-03	1.1E-06 1.6E-02	1.9E-02	1.3E-06
00:45----01:15	1.1E-06 8.5E-03	1.1E-06 1.5E-02	1.8E-02	1.3E-06
01:00----01:30	1.1E-06 8.3E-03	1.1E-06 1.5E-02	1.8E-02	1.3E-06
01:15----01:45	1.1E-06 8.1E-03	1.1E-06 2.2E-02	1.7E-02	1.3E-06
01:30----02:00	1.1E-06 7.9E-03	1.2E-03 2.3E-02	1.7E-02	1.3E-06
01:45----02:15	1.1E-06 7.7E-03	1.6E-03 1.9E-02	1.6E-02	1.3E-06
02:00----02:30	1.1E-06 7.6E-03	4.2E-04 1.7E-02	1.6E-02	1.3E-06
02:15----02:45	1.1E-06 7.5E-03	1.1E-04 1.6E-02	1.6E-02	1.3E-06
02:30----03:00	1.1E-06 7.4E-03	1.0E-04 1.6E-02	1.6E-02	1.3E-06
02:45----03:15	1.1E-06 7.3E-03	1.1E-04 1.4E-02	1.6E-02	8.5E-05
03:00----03:30	1.1E-06 7.3E-03	8.4E-05 1.5E-02	1.7E-02	3.6E-04

THUNDER BAY II #53, CONT'D

TIME	H2S NO	SO2 OZONE	NOX	NO2
03:15----03:45	1.1E-06 7.1E-03	3.2E-05 1.6E-02	1.6E-02	2.7E-04
03:30----04:00	1.1E-06 6.9E-03	1.1E-06 1.6E-02	1.5E-02	1.3E-06
03:45----04:15	1.1E-06 7.0E-03	4.3E-03 1.6E-02	1.6E-02	4.9E-05
04:00----04:30	1.1E-06 7.2E-03	6.1E-03 1.4E-02	1.6E-02	3.2E-04
04:15----04:45	1.1E-06 7.6E-03	1.8E-03 1.0E-02	1.9E-02	2.2E-03
04:30----05:00	1.5E-04 7.6E-03	1.1E-04 1.0E-02	2.0E-02	2.4E-03
04:45----05:15	1.5E-04 7.2E-03	4.9E-05 1.3E-02	1.7E-02	4.8E-04
05:00----05:30	1.1E-06 7.0E-03	1.1E-06 1.3E-02	1.6E-02	6.6E-05
05:15----05:45	1.1E-06 7.1E-03	1.1E-06 1.2E-02	1.8E-02	1.2E-03
05:30----06:00	1.1E-06 7.1E-03	1.1E-06 1.0E-02	1.9E-02	1.8E-03
05:45----06:15	1.1E-06 6.9E-03	1.1E-06 9.8E-03	1.7E-02	6.8E-04
06:00----06:30	1.1E-06 6.7E-03	1.1E-06 1.1E-02	1.6E-02	5.9E-05
06:15----06:45	1.1E-06 6.6E-03	1.1E-06 1.4E-02	1.5E-02	1.5E-05
06:30----07:00	1.1E-06 6.5E-03	1.1E-06 1.4E-02	1.5E-02	1.5E-04
06:45----07:15	1.1E-06 6.6E-03	1.1E-06 1.2E-02	1.5E-02	2.9E-04
07:00----07:30	1.1E-06 6.5E-03	1.1E-06 1.3E-02	1.4E-02	1.5E-04
07:15----07:45	1.1E-06 6.4E-03	1.1E-06 1.4E-02	1.4E-02	1.3E-06
07:30----08:00	1.1E-06 6.3E-03	1.1E-06 1.4E-02	1.4E-02	1.3E-06
07:45----08:15	1.1E-06 6.3E-03	1.1E-06 1.5E-02	1.4E-02	1.3E-06
08:00----08:30	1.1E-06 6.3E-03	1.1E-06 1.5E-02	1.4E-02	1.3E-06
08:15----08:45	1.1E-06 6.4E-03	1.1E-06 1.4E-02	1.4E-02	1.3E-06

STATISTICS

NUMBER OF READINGS 327

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.69E-02	1.25E-03	3.16E-03	4.96E-06	2.84E+01
SO2	1.00E-06	6.45E-02	9.58E-04	5.30E-03	6.13E-06	1.99E+01
NOX	1.30E-02	6.37E-02	2.30E-02	9.35E-03	2.15E-02	1.44E+00
NO2	1.00E-06	2.85E-02	3.12E-03	5.41E-03	5.89E-05	6.32E+01
NO	6.15E-03	2.52E-02	9.22E-03	2.69E-03	8.89E-03	1.30E+00
OZONE	1.00E-06	4.50E-02	1.41E-02	9.11E-03	6.11E-03	1.35E+01

THUNDER BAY II #54

DATE: OCT 22 1977
SCAN TIME: 120 SEC
AVERAGING TIME: 30 MIN
LOCATION: HGWY #61 & MT. MCKAY RD.(32940-53572)0.3KM & 135 DGS / SOURCE

TIME	H2S NO	SO2 OZONE	NOX	NO2
12:00----12:30	1.0E-06 1.3E-02	4.1E-02 2.1E-02	3.0E-02	4.0E-03
12:10----12:40	1.0E-06 1.2E-02	3.2E-03 1.8E-02	2.8E-02	3.2E-03
12:20----12:50	1.0E-06 1.2E-02	1.3E-04 1.9E-02	2.7E-02	2.5E-03
12:30----13:00	1.0E-06 1.2E-02	1.7E-05 2.0E-02	2.9E-02	3.3E-03
12:40----13:10	1.0E-06 1.2E-02	1.2E-06 2.2E-02	2.9E-02	3.4E-03
12:50----13:20	1.0E-06 1.2E-02	3.7E-04 2.0E-02	2.9E-02	4.0E-03
13:00----13:30	1.0E-06 1.2E-02	4.7E-04 2.0E-02	2.8E-02	3.4E-03
13:10----13:40	1.0E-06 1.2E-02	4.7E-04 1.8E-02	2.9E-02	4.4E-03
13:20----13:50	1.0E-06 1.3E-02	5.6E-04 2.0E-02	3.0E-02	4.6E-03
13:30----14:00	1.0E-06 1.3E-02	4.6E-04 1.7E-02	3.2E-02	5.8E-03
13:40----14:10	1.0E-06 1.3E-02	4.6E-04 1.8E-02	3.1E-02	5.2E-03
13:50----14:20	1.0E-06 1.3E-02	1.2E-06 1.7E-02	3.1E-02	5.3E-03
14:00----14:30	1.0E-06 1.3E-02	1.2E-06 2.2E-02	3.0E-02	4.7E-03
14:10----14:40	1.0E-06 1.3E-02	1.2E-06 2.3E-02	3.0E-02	4.3E-03
14:20----14:50	1.0E-06 1.3E-02	1.2E-06 2.2E-02	3.1E-02	4.2E-03
14:30----15:00	1.0E-06 1.4E-02	1.2E-06 2.0E-02	3.3E-02	4.5E-03
14:40----15:10	1.0E-06 1.5E-02	4.5E-04 2.0E-02	3.4E-02	5.0E-03
14:50----15:20	1.0E-06 1.5E-02	3.2E-03 2.3E-02	3.6E-02	5.9E-03
15:00----15:30	1.0E-06 1.5E-02	3.2E-03 2.2E-02	3.4E-02	5.1E-03
15:10----15:40	1.0E-06 1.4E-02	2.7E-03 1.9E-02	3.3E-02	4.6E-03

TIME	H2S NO	SO2 OZONE	NOX	NO2
15:20----15:50	1.0E-06 1.4E-02	4.6E-06 1.9E-02	3.0E-02	2.7E-03
15:30----16:00	1.0E-06 1.4E-02	1.2E-06 1.9E-02	3.1E-02	2.7E-03
15:40----16:10	1.0E-06 1.4E-02	1.2E-06 2.2E-02	3.1E-02	3.2E-03
15:50----16:20	1.0E-06 1.4E-02	1.2E-06 2.0E-02	3.1E-02	3.6E-03
16:00----16:30	1.0E-06 1.4E-02	1.2E-06 2.3E-02	3.0E-02	3.1E-03

STATISTICS

NUMBER OF READINGS 138

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+0
SO2	1.00E-06	1.71E-01	4.92E-03	2.26E-02	4.95E-06	2.82E+01
NOX	2.61E-02	5.56E-02	3.07E-02	3.74E-03	3.05E-02	1.11E+00
NO2	1.00E-06	1.35E-02	4.03E-03	2.26E-03	3.06E-03	3.64E+00
NO	1.18E-02	2.43E-02	1.33E-02	1.48E-03	1.33E-02	1.10E+00
OZONE	1.00E-06	4.50E-02	2.03E-02	9.77E-03	1.57E-02	3.65E+00

THUNDER BAY II #1

DATE: OCT 20 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: HWY #61B;(32840-535660),1.1KM, 220 DEG/SOURCE

TIME	NOX	NO2	NO
17:58----18:58	1.5E-01	2.6E-02	1.3E-01
18:13----19:13	1.6E-01	3.1E-02	1.3E-01
18:28----19:28	1.8E-01	3.7E-02	1.4E-01
18:43----19:43	2.1E-01	4.3E-02	1.6E-01
18:58----19:58	2.6E-01	6.4E-02	2.1E-01
19:13----20:13	3.6E-01	9.8E-02	3.0E-01
19:28----20:28	4.3E-01	9.7E-02	3.7E-01
19:43----20:43	4.7E-01	9.5E-02	4.1E-01
19:58----20:58	4.8E-01	8.8E-02	4.2E-01
20:13----21:13	4.5E-01	6.7E-02	3.8E-01
20:28----21:28	4.6E-01	1.0E-01	3.9E-01
20:43----21:43	5.3E-01	1.0E-01	4.6E-01
20:58----21:58	5.6E-01	9.3E-02	4.8E-01
21:13----22:13	5.7E-01	1.0E-01	4.9E-01
21:28----22:28	5.4E-01	7.0E-02	4.7E-01
21:43----22:43	4.7E-01	7.0E-02	4.0E-01
21:58----22:58	4.0E-01	6.8E-02	3.4E-01
22:13----23:13	3.4E-01	4.7E-02	2.8E-01
22:28----23:28	3.3E-01	4.5E-02	2.8E-01
22:43----23:43	3.0E-01	4.5E-02	2.5E-01
22:58----23:58	2.2E-01	3.3E-02	1.9E-01
23:13----00:13	1.5E-01	2.0E-02	1.3E-01
23:28----00:28	5.8E-02	1.1E-02	4.4E-02
23:43----00:43	3.8E-06	1.6E-06	3.4E-06
23:58----00:58	3.8E-06	1.6E-06	3.4E-06
00:13----01:13	3.8E-06	1.6E-06	3.4E-06
00:28----01:28	3.8E-06	1.6E-06	3.4E-06
00:43----01:43	3.8E-06	1.6E-06	3.4E-06
00:58----01:58	3.8E-06	1.6E-06	3.4E-06
01:13----02:13	3.8E-06	1.6E-06	3.4E-06
01:28----02:28	3.8E-06	1.6E-06	3.4E-06
01:43----02:43	3.8E-06	1.6E-06	3.4E-06
01:58----02:58	3.8E-06	1.6E-06	3.4E-06
02:13----03:13	3.8E-06	1.6E-06	3.4E-06
02:28----03:28	3.8E-06	1.6E-06	3.4E-06
02:43----03:43	3.8E-06	1.6E-06	3.4E-06
02:58----03:58	3.8E-06	1.6E-06	3.4E-06
03:13----04:13	3.8E-06	1.6E-06	3.4E-06
03:28----04:28	3.8E-06	1.6E-06	3.4E-06
03:43----04:43	3.8E-06	1.6E-06	3.4E-06
03:58----04:58	3.8E-06	1.6E-06	3.4E-06
04:13----05:13	3.8E-06	1.6E-06	3.4E-06
04:28----05:28	3.8E-06	1.6E-06	3.4E-06
04:43----05:43	3.8E-06	1.6E-06	3.4E-06
04:58----05:58	3.8E-06	1.6E-06	3.4E-06
05:13----06:13	3.8E-06	1.6E-06	3.4E-06
05:28----06:28	3.8E-06	1.6E-06	3.4E-06
05:43----06:43	3.8E-06	1.6E-06	3.4E-06
05:58----06:58	3.8E-06	1.6E-06	3.4E-06
06:13----07:13	3.8E-06	1.6E-06	3.4E-06
06:28----07:28	3.8E-06	1.6E-06	3.4E-06
06:43----07:43	3.8E-06	1.6E-06	3.4E-06
06:58----07:58	3.8E-06	1.6E-06	3.4E-06

STATISTICS

NUMBER OF READINGS 840

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.00E-06	6.93E-01	1.48E-01	2.11E-01	1.66E-04	5.13E+02
NO2	1.00E-06	7.41E-01	2.66E-02	8.17E-02	4.48E-05	1.76E+02
NO	1.00E-06	6.66E-01	1.26E-01	1.84E-01	1.54E-04	4.68E+02

THUNDER BAY II #2

DATE: OCT 21 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: HWY #61B;(33025-53578),1.2KM, 45 DEG/SOURCE

TIME	NOX	NO2	NO
10:13----11:13	2.0E-01	2.6E-02	2.1E-01
10:28----11:28	2.4E-01	3.0E-02	2.5E-01
10:43----11:43	2.7E-01	3.2E-02	2.8E-01
10:58----11:58	2.8E-01	3.3E-02	3.0E-01
11:13----12:13	2.6E-01	3.4E-02	2.7E-01

STATISTICS

NUMBER OF READINGS 125

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	7.64E-02	4.75E-01	2.28E-01	9.40E-02	2.08E-01	1.56E+00
NO2	1.00E-06	2.38E-01	3.04E-02	3.31E-02	9.30E-03	2.18E+01
NO	6.03E-02	5.86E-01	2.39E-01	1.06E-01	2.14E-01	1.65E+00

THUNDER BAY II #4

DATE: OCT 21 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: HWY #61B;(32900-535680),0.6KM, 220 DEG/SOURCE

TIME	NOX	NO2	NO
13:21----14:21	3.4E-02	1.3E-02	2.4E-02
13:26----14:26	3.7E-02	1.3E-02	2.7E-02

STATISTICS

NUMBER OF READINGS 66

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.74E-02	7.34E-02	3.70E-02	1.29E-02	3.48E-02	1.42E+00
NO2	7.23E-03	2.48E-02	1.35E-02	4.01E-03	1.30E-02	1.34E+00
NO	5.56E-03	5.38E-02	2.62E-02	1.37E-02	2.21E-02	1.89E+00

THUNDER BAY II #5

DATE: OCT 21 1977
SCAN TIME: 30 SEC
AVERAGING TIME: 60 MIN
LOCATION: HWY #61B IN TRAILER PARK;(32930-53572),0.4KM, 130 DEG/SOURCE

TIME	NOX	NO2	NO
14:40-----15:40	4.9E-02	1.9E-02	3.3E-02
14:45-----15:45	4.9E-02	1.9E-02	3.3E-02
14:50-----15:50	5.0E-02	1.9E-02	3.4E-02
14:55-----15:55	5.4E-02	2.0E-02	3.8E-02
15:00-----16:00	5.5E-02	1.9E-02	3.9E-02
15:05-----16:05	5.6E-02	1.9E-02	3.9E-02
15:10-----16:10	5.3E-02	1.9E-02	3.7E-02
15:15-----16:15	5.3E-02	1.9E-02	3.7E-02
15:20-----16:20	5.3E-02	1.9E-02	3.7E-02

STATISTICS

NUMBER OF READINGS 206

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.95E-02	1.32E-01	5.14E-02	1.57E-02	4.92E-02	1.35E+00
NO2	1.00E-06	5.33E-02	1.87E-02	7.20E-03	1.68E-02	2.16E+00
NO	8.25E-03	1.11E-01	3.54E-02	1.56E-02	3.22E-02	1.59E+00

THUNDER BAY II #6

DATE: OCT 21 1977
SCAN TIME: 30 SEC
AVERAGING TIME: 60 MIN
LOCATION: MT. MCKAY SKI AREA;(32950-53570),0.7KM, 135 DEG/SOURCE

TIME	NOX	NO2	NO
16:41----17:41	2.2E-02	1.2E-02	1.0E-02
16:56----17:56	2.2E-02	1.3E-02	9.9E-03
17:11----18:11	2.4E-02	1.3E-02	1.1E-02
17:26----18:26	2.8E-02	1.5E-02	1.3E-02
17:41----18:41	3.2E-02	1.6E-02	1.6E-02
17:56----18:56	3.7E-02	1.8E-02	1.9E-02
18:11----19:11	4.6E-02	2.2E-02	2.5E-02
18:26----19:26	6.9E-02	2.6E-02	4.8E-02

STATISTICS

NUMBER OF READINGS 345

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.28E-02	2.76E-01	4.94E-02	5.27E-02	3.55E-02	2.07E+00
NO2	1.00E-06	1.36E-01	1.94E-02	1.77E-02	1.43E-02	3.30E+00
NO	3.60E-03	2.84E-01	3.30E-02	5.03E-02	1.71E-02	2.77E+00

THUNDER BAY II #7

DATE: OCT 21 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: MT. MCKAY SKI AREA:(32950-53570),0.7KM, 135 DEG/SOURCE

TIME	NOX	NO2	NO
19:59-----20:59	2.5E-01	3.6E-02	2.5E-01
20:14-----21:14	2.3E-01	3.3E-02	2.4E-01
20:29-----21:29	2.1E-01	2.9E-02	2.2E-01
20:44-----21:44	1.8E-01	2.3E-02	1.8E-01
20:59-----21:59	1.7E-01	2.1E-02	1.8E-01
21:14-----22:14	1.8E-01	2.2E-02	1.9E-01
21:29-----22:29	2.3E-01	2.5E-02	2.6E-01
21:44-----22:44	3.0E-01	3.0E-02	3.4E-01
21:59-----22:59	3.4E-01	3.9E-02	3.7E-01
22:14-----23:14	3.6E-01	4.6E-02	3.8E-01
22:29-----23:29	3.6E-01	5.2E-02	3.7E-01
22:44-----23:44	3.4E-01	5.0E-02	3.5E-01
22:59-----23:59	3.1E-01	4.1E-02	3.2E-01
23:14-----00:14	2.8E-01	3.2E-02	3.1E-01
23:29-----00:29	2.4E-01	2.4E-02	2.6E-01
23:44-----00:44	2.0E-01	2.2E-02	2.1E-01
23:59-----00:59	1.8E-01	2.0E-02	2.0E-01
00:14-----01:14	1.8E-01	2.0E-02	1.9E-01
00:29-----01:29	1.7E-01	2.0E-02	1.8E-01
00:44-----01:44	1.7E-01	1.9E-02	1.8E-01
00:59-----01:59	1.8E-01	1.9E-02	2.0E-01
01:14-----02:14	1.9E-01	1.7E-02	2.1E-01
01:29-----02:29	1.9E-01	1.6E-02	2.2E-01
01:44-----02:44	1.9E-01	1.6E-02	2.1E-01
01:59-----02:59	1.8E-01	1.5E-02	2.0E-01
02:14-----03:14	1.7E-01	1.6E-02	1.8E-01
02:29-----03:29	1.6E-01	1.5E-02	1.8E-01
02:44-----03:44	2.0E-01	2.0E-02	2.2E-01
02:59-----03:59	2.4E-01	2.1E-02	2.7E-01
03:14-----04:14	2.7E-01	2.1E-02	3.1E-01
03:29-----04:29	2.9E-01	2.2E-02	3.3E-01
03:44-----04:44	2.8E-01	1.8E-02	3.2E-01
03:59-----04:59	2.5E-01	1.8E-02	2.8E-01
04:14-----05:14	2.3E-01	1.7E-02	2.6E-01
04:29-----05:29	2.1E-01	1.7E-02	2.3E-01
04:44-----05:44	1.9E-01	1.6E-02	2.0E-01
04:59-----05:59	1.7E-01	1.6E-02	1.9E-01
05:14-----06:14	1.7E-01	1.6E-02	1.9E-01
05:29-----06:29	1.9E-01	1.7E-02	2.1E-01
05:44-----06:44	2.2E-01	1.7E-02	2.4E-01
05:59-----06:59	2.4E-01	2.1E-02	2.7E-01
06:14-----07:14	3.5E-01	3.2E-02	4.0E-01
06:29-----07:29	4.6E-01	4.5E-02	5.1E-01
06:44-----07:44	5.4E-01	5.2E-02	6.1E-01
06:59-----07:59	6.0E-01	5.2E-02	6.8E-01
07:14-----08:14	5.4E-01	4.2E-02	6.0E-01
07:29-----08:29	4.5E-01	3.0E-02	5.1E-01
07:44-----08:44	3.9E-01	2.3E-02	4.5E-01
07:59-----08:59	3.7E-01	2.2E-02	4.2E-01
08:14-----09:14	3.7E-01	2.2E-02	4.3E-01
08:29-----09:29	3.8E-01	2.3E-02	4.5E-01

STATISTICS

NUMBER OF READINGS 810

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.18E-01	9.05E-01	2.73E-01	1.28E-01	2.50E-01	1.50E+00
NO2	1.00E-06	3.59E-01	2.61E-02	2.40E-02	1.59E-02	6.91E+00
NO	1.19E-01	1.12E+00	3.01E-01	1.52E-01	2.72E-01	1.54E+00

THUNDER BAY II #8

DATE: OCT 22 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: HWY #61B IN TRAILER PARK;(32930-53572),0.4KM, 130 DEG/SOURCE

TIME	NOX	NO2	NO
12:06-----13:06	1.7E-01	3.1E-02	2.3E-01
12:21-----13:21	2.3E-01	3.7E-02	3.0E-01
12:36-----13:36	2.8E-01	4.9E-02	3.6E-01
12:51-----13:51	3.0E-01	5.3E-02	3.8E-01
13:06-----14:06	2.9E-01	4.8E-02	3.5E-01

STATISTICS

NUMBER OF READINGS 129

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.47E-02	1.00E+00	2.25E-01	1.52E-01	1.84E-01	1.91E+00
NO2	1.00E-06	6.06E-01	3.83E-02	7.55E-02	2.23E-03	8.02E+01
NO	1.06E-02	1.42E+00	2.81E-01	1.97E-01	2.27E-01	1.99E+00

THUNDER BAY II #9

DATE: OCT 22 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: MOSQUITO CR. BRIDGE;(32860-53567),0.9KM, 220DEG/SOURCE

TIME	NOX	NO2	NO
14:31----15:31	2.0E-01	3.0E-02	2.2E-01
14:46----15:46	1.7E-01	2.0E-02	2.1E-01
15:01----16:01	1.9E-01	1.7E-02	2.4E-01
15:16----16:16	2.0E-01	1.8E-02	2.6E-01
15:31----16:31	2.2E-01	1.8E-02	2.9E-01
15:46----16:46	2.2E-01	1.5E-02	3.0E-01
16:01----17:01	1.9E-01	1.4E-02	2.4E-01
16:16----17:16	2.3E-01	1.7E-02	2.9E-01
16:31----17:31	3.0E-01	2.8E-02	3.7E-01
16:46----17:46	3.7E-01	3.4E-02	4.8E-01

STATISTICS

NUMBER OF READINGS 207

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.00E-06	1.00E+00	2.80E-01	1.84E-01	1.01E-01	2.93E+01
NO2	1.00E-06	4.29E-01	2.61E-02	4.90E-02	1.67E-03	8.04E+01
NO	1.00E-06	1.42E+00	3.67E-01	2.74E-01	1.26E-01	3.14E+01

THUNDER BAY II #10

DATE: OCT 22 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 60 MIN
LOCATION: MCKAY SKI AREA;(32950-53570),0.7KM, 135DEG/SOURCE

TIME	NOX	NO2	NO
18:15-----19:15	1.3E-01	8.6E-03	1.6E-01
18:30-----19:30	9.7E-02	7.2E-03	1.2E-01
18:45-----19:45	7.9E-02	7.8E-03	9.6E-02
19:00-----20:00	7.1E-02	7.7E-03	8.6E-02
19:15-----20:15	7.4E-02	9.9E-03	8.7E-02
19:30-----20:30	9.5E-02	1.4E-02	1.1E-01
19:45-----20:45	1.8E-01	3.9E-02	2.0E-01
20:00-----21:00	3.2E-01	6.0E-02	3.9E-01
20:15-----21:15	4.5E-01	6.5E-02	5.6E-01
20:30-----21:30	5.9E-01	7.9E-02	7.2E-01
20:45-----21:45	6.5E-01	5.9E-02	8.4E-01
21:00-----22:00	6.4E-01	4.3E-02	8.1E-01
21:15-----22:15	6.3E-01	4.2E-02	8.0E-01
21:30-----22:30	6.0E-01	3.1E-02	7.7E-01
21:45-----22:45	5.7E-01	3.1E-02	7.5E-01
22:00-----23:00	5.9E-01	3.2E-02	7.8E-01
22:15-----23:15	6.4E-01	4.8E-02	8.4E-01
22:30-----23:30	7.0E-01	5.2E-02	9.1E-01
22:45-----23:45	7.7E-01	6.2E-02	9.9E-01
23:00-----00:00	8.5E-01	7.6E-02	1.1E+00
23:15-----00:15	9.1E-01	7.4E-02	1.2E+00
23:30-----00:30	9.6E-01	8.1E-02	1.3E+00
23:45-----00:45	1.0E+00	8.3E-02	1.4E+00
00:00-----01:00	1.0E+00	7.8E-02	1.4E+00
00:15-----01:15	1.0E+00	8.6E-02	1.4E+00
00:30-----01:30	1.0E+00	9.2E-02	1.4E+00
00:45-----01:45	1.0E+00	1.0E-01	1.4E+00
01:00-----02:00	1.0E+00	1.0E-01	1.4E+00
01:15-----02:15	1.0E+00	1.3E-01	1.4E+00
01:30-----02:30	1.0E+00	1.4E-01	1.4E+00
01:45-----02:45	1.0E+00	1.2E-01	1.4E+00
02:00-----03:00	9.9E-01	1.2E-01	1.4E+00
02:15-----03:15	9.8E-01	7.8E-02	1.3E+00
02:30-----03:30	9.8E-01	6.6E-02	1.3E+00
02:45-----03:45	9.7E-01	7.2E-02	1.3E+00
03:00-----04:00	9.8E-01	7.5E-02	1.3E+00
03:15-----04:15	9.7E-01	7.3E-02	1.3E+00
03:30-----04:30	9.3E-01	6.7E-02	1.2E+00
03:45-----04:45	9.0E-01	7.3E-02	1.2E+00
04:00-----05:00	8.6E-01	6.5E-02	1.1E+00
04:15-----05:15	7.7E-01	6.0E-02	1.0E+00
04:30-----05:30	6.8E-01	5.5E-02	8.8E-01
04:45-----05:45	5.7E-01	3.2E-02	7.5E-01
05:00-----06:00	5.4E-01	3.1E-02	7.2E-01
05:15-----06:15	6.2E-01	3.6E-02	8.3E-01
05:30-----06:30	7.3E-01	4.1E-02	9.7E-01
05:45-----06:45	8.1E-01	4.4E-02	1.1E+00
06:00-----07:00	8.8E-01	6.0E-02	1.2E+00
06:15-----07:15	9.1E-01	6.0E-02	1.2E+00
06:30-----07:30	9.4E-01	7.0E-02	1.3E+00
06:45-----07:45	9.9E-01	8.4E-02	1.4E+00
07:00-----08:00	1.0E+00	8.1E-02	1.4E+00
07:15-----08:15	1.0E+00	9.2E-02	1.4E+00
07:30-----08:30	1.0E+00	8.9E-02	1.4E+00
07:45-----08:45	1.0E+00	8.1E-02	1.4E+00
08:00-----09:00	9.3E-01	7.0E-02	1.3E+00
08:15-----09:15	8.3E-01	5.5E-02	1.1E+00

STATISTICS

NUMBER OF READINGS 603

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	5.66E-02	1.00E+00	7.26E-01	3.19E-01	5.87E-01	2.26E+00
NO2	1.00E-06	6.30E-01	6.12E-02	7.51E-02	2.31E-02	1.39E+01
NO	6.78E-02	1.42E+00	9.81E-01	4.56E-01	7.75E-01	2.37E+00

THUNDER BAY II #11

DATE: OCT 23 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: MAIN GATE OF G.L.P.P.;(32905-43579),0.5KM, 5DEG/SOURCE

TIME	NOX	NO2	NO
09:36----10:36	5.2E-01	6.1E-02	6.4E-01
09:41----10:41	5.2E-01	6.1E-02	6.5E-01
09:46----10:46	5.3E-01	6.0E-02	6.6E-01
09:51----10:51	5.2E-01	6.1E-02	6.4E-01
09:56----10:56	5.1E-01	6.1E-02	6.4E-01

STATISTICS

NUMBER OF READINGS 80

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	5.64E-02	9.49E-01	4.47E-01	2.62E-01	3.47E-01	2.24E+00
NO2	1.00E-06	2.63E-01	5.58E-02	5.63E-02	1.27E-02	3.36E+01
NO	4.70E-02	1.42E+00	5.57E-01	3.65E-01	4.05E-01	2.50E+00

THUNDER BAY II #12

DATE: OCT 23 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 60 MIN
LOCATION:
HWY #61B; .25 MILE W. RIFLE RGE;(33030-53570),1.1KM, 60DEG/SOURCE

TIME	NOX	NO2	NO
11:12----12:12	4.1E-01	5.6E-02	5.0E-01
11:27----12:27	4.4E-01	5.5E-02	5.6E-01
11:42----12:42	4.2E-01	5.4E-02	5.5E-01
11:57----12:57	3.7E-01	5.3E-02	4.7E-01
12:12----13:12	3.4E-01	4.2E-02	4.0E-01

STATISTICS

NUMBER OF READINGS 84

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.07E-01	8.37E-01	3.58E-01	1.55E-01	3.24E-01	1.60E+00
NO2	1.00E-06	2.78E-01	4.73E-02	6.11E-02	3.73E-03	9.35E+01
NO	1.23E-01	1.02E+00	4.38E-01	2.09E-01	3.87E-01	1.68E+00

THUNDER BAY II #15

DATE: OCT 24 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION:
100M E OF G.L.P.P. MILL GATE;(34040-53713),0.4KM, 330 DEG/SOURCE

TIME	NOX	NO2	NO
10:07----11:07	3.2E-01	7.0E-02	3.2E-01
10:17----11:17	3.0E-01	6.8E-02	3.0E-01
10:27----11:27	3.3E-01	8.0E-02	3.3E-01
10:37----11:37	3.5E-01	8.5E-02	3.5E-01

STATISTICS

NUMBER OF READINGS 96

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	6.87E-02	9.27E-01	3.27E-01	2.11E-01	2.68E-01	1.91E+00
NO2	1.00E-06	6.11E-01	7.53E-02	1.20E-01	1.29E-03	2.07E+02
NO	6.55E-02	1.03E+00	3.19E-01	2.35E-01	2.53E-01	1.98E+00

THUNDER BAY II #16

DATE: OCT 24 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION:
HWY #61 AT KAMINISTIKWIA RIVER:(32835-53572),0.9KM, 220 DEG/SOURCE

TIME	NOX	NO2	NO
14:40----15:40	7.9E-02	2.2E-02	6.8E-02
14:45----15:45	8.4E-02	2.3E-02	7.3E-02

STATISTICS

NUMBER OF READINGS 66

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	2.67E-02	2.42E-01	8.20E-02	4.20E-02	7.30E-02	1.62E+00
NO2	1.00E-06	1.67E-01	2.22E-02	2.94E-02	1.81E-03	7.70E+01
NO	1.26E-02	2.43E-01	7.22E-02	4.76E-02	5.88E-02	1.94E+00

THUNDER BAY II #17

DATE: OCT 24 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: CAN CAR LTD PROPERTY;(32945-53583),1KM, 20 DEG/SOURCE

TIME	NOX	NO2	NO
16:18----17:18	6.3E-02	1.3E-02	6.2E-02
16:33----17:33	7.2E-02	1.4E-02	7.0E-02
16:48----17:48	7.5E-02	1.2E-02	7.4E-02
17:03----18:03	6.8E-02	1.2E-02	6.6E-02
17:18----18:18	5.8E-02	1.2E-02	4.8E-02
17:33----18:33	5.2E-02	1.2E-02	4.2E-02
17:48----18:48	4.4E-02	1.2E-02	3.5E-02
18:03----19:03	4.4E-02	1.3E-02	3.3E-02
18:18----19:18	4.0E-02	1.3E-02	3.0E-02
18:33----19:33	3.9E-02	1.3E-02	2.8E-02
18:48----19:48	3.9E-02	1.4E-02	2.7E-02
19:03----20:03	3.4E-02	1.3E-02	2.3E-02
19:18----20:18	3.2E-02	1.2E-02	2.0E-02
19:33----20:33	3.3E-02	1.2E-02	2.1E-02
19:48----20:48	3.3E-02	1.1E-02	2.3E-02
20:03----21:03	3.9E-02	1.6E-02	2.4E-02
20:18----21:18	8.9E-02	2.4E-02	9.5E-02
20:33----21:33	1.3E-01	3.4E-02	1.3E-01
20:48----21:48	1.9E-01	3.8E-02	2.0E-01
21:03----22:03	2.3E-01	3.7E-02	2.5E-01
21:18----22:18	2.5E-01	4.5E-02	2.4E-01
21:33----22:33	2.5E-01	3.6E-02	2.4E-01
21:48----22:48	2.2E-01	3.4E-02	1.9E-01
22:03----23:03	2.0E-01	3.3E-02	1.8E-01
22:18----23:18	1.9E-01	3.4E-02	1.7E-01
22:33----23:33	2.1E-01	3.8E-02	1.9E-01
22:48----23:48	2.6E-01	4.4E-02	2.4E-01
23:03----00:03	3.0E-01	5.8E-02	2.9E-01
23:18----00:18	2.8E-01	4.4E-02	2.8E-01
23:33----00:33	2.7E-01	4.8E-02	2.6E-01
23:48----00:48	2.3E-01	4.4E-02	2.1E-01
00:03----01:03	1.9E-01	3.2E-02	1.7E-01
00:18----01:18	1.9E-01	4.4E-02	1.6E-01
00:33----01:33	2.2E-01	6.4E-02	2.1E-01
00:48----01:48	2.9E-01	9.3E-02	2.5E-01
01:03----02:03	3.6E-01	1.1E-01	3.3E-01
01:18----02:18	4.1E-01	1.1E-01	3.9E-01
01:33----02:33	4.5E-01	1.0E-01	4.0E-01
01:48----02:48	4.4E-01	7.9E-02	4.4E-01
02:03----03:03	4.4E-01	7.6E-02	4.1E-01
02:18----03:18	4.1E-01	5.6E-02	4.1E-01
02:33----03:33	3.6E-01	4.4E-02	3.6E-01
02:48----03:48	3.4E-01	4.3E-02	3.2E-01
03:03----04:03	3.0E-01	3.5E-02	3.0E-01
03:18----04:18	2.7E-01	3.6E-02	2.6E-01
03:33----04:33	2.5E-01	3.4E-02	2.3E-01
03:48----04:48	2.3E-01	3.2E-02	2.2E-01
04:03----05:03	2.2E-01	3.2E-02	2.1E-01
04:18----05:18	2.4E-01	3.4E-02	2.5E-01
04:33----05:33	2.7E-01	5.3E-02	2.7E-01
04:48----05:48	3.1E-01	5.8E-02	2.9E-01
05:03----06:03	3.1E-01	5.7E-02	3.1E-01
05:18----06:18	3.2E-01	6.5E-02	2.9E-01
05:33----06:33	3.4E-01	5.3E-02	3.2E-01
05:48----06:48	4.1E-01	9.4E-02	3.8E-01
06:03----07:03	4.8E-01	1.1E-01	4.3E-01
06:18----07:18	4.9E-01	1.0E-01	4.5E-01
06:33----07:33	5.0E-01	1.2E-01	4.7E-01
06:48----07:48	3.9E-01	7.0E-02	3.6E-01
07:03----08:03	2.8E-01	5.4E-02	2.7E-01

TIME	NOX	NO2	NO
07:18----08:18	2.3E-01	5.6E-02	2.1E-01
07:33----08:33	2.3E-01	6.2E-02	1.7E-01

STATISTICS

NUMBER OF READINGS 976

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.65E-02	9.07E-01	2.27E-01	1.91E-01	1.55E-01	2.58E+00
NO2	1.00E-06	8.59E-01	4.55E-02	8.91E-02	1.29E-02	1.57E+01
NO	1.05E-02	9.88E-01	2.10E-01	1.94E-01	1.34E-01	2.87E+00

THUNDER BAY II #18

DATE: OCT 25 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: CAN CAR LTD PROPERTY;(32945-53583),1KM, 20 DEG/SOURCE

TIME	NOX	NO2	NO
11:18----12:18	4.0E-02	2.0E-02	2.0E-02
11:33----12:33	3.1E-02	1.7E-02	1.4E-02
11:48----12:48	2.9E-02	1.8E-02	1.1E-02
12:03----13:03	2.7E-02	1.9E-02	9.4E-03
12:18----13:18	2.8E-02	1.9E-02	9.4E-03
12:33----13:33	2.8E-02	2.0E-02	8.5E-03
12:48----13:48	2.8E-02	2.1E-02	8.9E-03
13:03----14:03	2.7E-02	1.9E-02	8.5E-03
13:18----14:18	3.0E-02	2.1E-02	8.9E-03
13:33----14:33	3.0E-02	2.2E-02	8.8E-03
13:48----14:48	2.7E-02	2.1E-02	6.8E-03
14:03----15:03	3.1E-02	2.5E-02	7.3E-03
14:18----15:18	3.2E-02	2.6E-02	7.1E-03
14:33----15:33	3.2E-02	2.6E-02	7.5E-03
14:48----15:48	3.2E-02	2.5E-02	8.0E-03

STATISTICS

NUMBER OF READINGS 272

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	9.96E-03	9.72E-02	3.17E-02	1.47E-02	2.88E-02	1.56E+00
NO2	2.57E-03	7.19E-02	2.17E-02	1.07E-02	1.95E-02	1.61E+00
NO	1.31E-03	5.06E-02	1.08E-02	8.56E-03	8.23E-03	2.08E+00

THUNDER BAY II #19

DATE: OCT 25 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 60 MIN
LOCATION: C.N.R.A. RECREATION RINK;(33055-53584),1.7KM, 50 DEG/SOURCE

TIME	NOX	NO2	NO
16:19----17:19	3.2E-02	2.1E-02	1.1E-02
16:34----17:34	3.8E-02	2.6E-02	1.3E-02
16:49----17:49	4.2E-02	2.6E-02	1.7E-02
17:04----18:04	4.3E-02	2.4E-02	2.1E-02
17:19----18:19	5.0E-02	2.6E-02	2.4E-02
17:34----18:34	4.7E-02	2.0E-02	2.6E-02
17:49----18:49	4.6E-02	1.9E-02	2.9E-02
18:04----19:04	4.7E-02	1.9E-02	2.9E-02
18:19----19:19	4.8E-02	1.9E-02	3.1E-02
18:34----19:34	5.2E-02	1.9E-02	3.4E-02
18:49----19:49	5.3E-02	1.9E-02	3.3E-02
19:04----20:04	5.3E-02	2.1E-02	3.2E-02
19:19----20:19	5.2E-02	2.1E-02	3.3E-02
19:34----20:34	5.5E-02	2.3E-02	3.1E-02
19:49----20:49	5.9E-02	2.2E-02	4.0E-02
20:04----21:04	6.1E-02	1.9E-02	4.4E-02
20:19----21:19	6.3E-02	2.0E-02	4.3E-02
20:34----21:34	6.1E-02	2.0E-02	4.5E-02
20:49----21:49	6.0E-02	2.4E-02	3.7E-02
21:04----22:04	5.9E-02	2.6E-02	3.9E-02
21:19----22:19	6.6E-02	3.4E-02	3.8E-02
21:34----22:34	6.5E-02	3.3E-02	3.5E-02
21:49----22:49	6.5E-02	3.1E-02	3.5E-02
22:04----23:04	6.5E-02	3.3E-02	3.0E-02
22:19----23:19	5.5E-02	2.3E-02	2.9E-02
22:34----23:34	5.1E-02	2.2E-02	2.7E-02
22:49----23:49	4.4E-02	1.9E-02	2.3E-02
23:04----00:04	3.8E-02	1.8E-02	2.0E-02
23:19----00:19	3.5E-02	1.8E-02	1.7E-02
23:34----00:34	3.1E-02	1.7E-02	1.4E-02
23:49----00:49	2.9E-02	1.7E-02	1.3E-02
00:04----01:04	2.6E-02	1.5E-02	1.1E-02
00:19----01:19	2.1E-02	1.1E-02	1.0E-02
00:34----01:34	2.1E-02	1.1E-02	1.1E-02
00:49----01:49	2.2E-02	1.0E-02	1.3E-02
01:04----02:04	2.3E-02	9.6E-03	1.5E-02
01:19----02:19	2.5E-02	1.1E-02	1.6E-02
01:34----02:34	2.6E-02	1.1E-02	1.6E-02
01:49----02:49	2.5E-02	1.2E-02	1.4E-02
02:04----03:04	2.6E-02	1.3E-02	1.3E-02
02:19----03:19	2.6E-02	1.2E-02	1.4E-02
02:34----03:34	2.9E-02	1.4E-02	1.5E-02
02:49----03:49	3.0E-02	1.5E-02	1.6E-02

STATISTICS

NUMBER OF READINGS 464

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.77E-02	3.42E-01	4.25E-02	2.49E-02	3.82E-02	1.55E+00
NO2	1.00E-06	3.48E-01	1.95E-02	2.28E-02	8.45E-03	1.32E+01
NO	3.28E-03	1.88E-01	2.38E-02	1.78E-02	1.98E-02	1.80E+00

THUNDER BAY II #20

DATE: OCT 27 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: MT. MCKAY SKI AREA;(32955-53570),0.55KM, 135 DEG/SOURCE

TIME	NOX	NO2	NO
15:30-----16:30	4.9E-02	1.9E-02	3.1E-02
15:45-----16:45	3.6E-02	1.5E-02	2.2E-02
16:00-----17:00	2.6E-02	1.3E-02	1.3E-02
16:15-----17:15	1.9E-02	1.2E-02	7.6E-03
16:30-----17:30	1.4E-02	1.1E-02	4.1E-03
16:45-----17:45	1.2E-02	1.0E-02	2.5E-03
17:00-----18:00	1.1E-02	9.6E-03	2.3E-03
17:15-----18:15	1.1E-02	9.2E-03	2.3E-03
17:30-----18:30	1.0E-02	8.9E-03	2.2E-03
17:45-----18:45	8.8E-03	8.0E-03	1.8E-03
18:00-----19:00	7.9E-03	7.4E-03	1.5E-03
18:15-----19:15	7.4E-03	7.1E-03	1.5E-03
18:30-----19:30	7.1E-03	6.8E-03	1.4E-03
18:45-----19:45	7.0E-03	6.8E-03	1.3E-03
19:00-----20:00	6.7E-03	6.6E-03	1.3E-03
19:15-----20:15	6.7E-03	6.6E-03	1.2E-03
19:30-----20:30	7.1E-03	7.0E-03	1.2E-03
19:45-----20:45	1.1E-02	9.0E-03	3.0E-03
20:00-----21:00	1.4E-02	1.0E-02	5.1E-03
20:15-----21:15	2.0E-02	1.2E-02	8.7E-03
20:30-----21:30	2.8E-02	1.3E-02	1.6E-02
20:45-----21:45	3.1E-02	1.3E-02	2.0E-02
21:00-----22:00	3.2E-02	1.3E-02	2.1E-02
21:15-----22:15	2.9E-02	1.2E-02	1.8E-02
21:30-----22:30	2.1E-02	1.1E-02	1.1E-02
21:45-----22:45	1.4E-02	1.0E-02	4.4E-03
22:00-----23:00	1.1E-02	9.5E-03	2.0E-03
22:15-----23:15	1.1E-02	9.6E-03	3.0E-03
22:30-----23:30	1.6E-02	1.0E-02	6.9E-03
22:45-----23:45	2.5E-02	1.1E-02	1.5E-02
23:00-----00:00	3.1E-02	1.2E-02	2.0E-02
23:15-----00:15	3.4E-02	1.3E-02	2.3E-02
23:30-----00:30	3.2E-02	1.3E-02	2.1E-02
23:45-----00:45	2.9E-02	1.3E-02	1.7E-02
00:00-----01:00	3.6E-02	1.4E-02	2.4E-02
00:15-----01:15	5.3E-02	1.4E-02	4.2E-02
00:30-----01:30	7.1E-02	1.4E-02	5.9E-02
00:45-----01:45	7.9E-02	1.4E-02	6.8E-02
01:00-----02:00	7.4E-02	1.4E-02	6.4E-02
01:15-----02:15	5.9E-02	1.3E-02	4.8E-02
01:30-----02:30	4.3E-02	1.3E-02	3.2E-02
01:45-----02:45	3.7E-02	1.3E-02	2.6E-02
02:00-----03:00	4.8E-02	1.8E-02	3.8E-02
02:15-----03:15	6.1E-02	1.9E-02	5.1E-02
02:30-----03:30	8.5E-02	2.2E-02	7.4E-02
02:45-----03:45	1.1E-01	2.3E-02	1.0E-01
03:00-----04:00	1.2E-01	2.0E-02	1.1E-01

STATISTICS

NUMBER OF READINGS 759

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	5.42E-03	2.65E-01	3.70E-02	3.67E-02	2.39E-02	2.55E+00
NO2	1.00E-06	2.00E-01	1.28E-02	8.73E-03	1.16E-02	1.68E+00
NO	1.00E-06	4.41E-01	2.65E-02	3.68E-02	9.24E-03	5.47E+00

THUNDER BAY II #22

DATE: OCT 28 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: C.N.R.A. RECREATION RINK;(33050-53584),1.6KM, 65 DEG/SOURCE

TIME	NOX	NO2	NO
11:40-----12:40	2.6E-02	1.1E-02	1.4E-02
11:55-----12:55	2.5E-02	1.2E-02	1.2E-02
12:10-----13:10	2.5E-02	1.2E-02	1.1E-02
12:25-----13:25	2.3E-02	1.1E-02	1.1E-02
12:40-----13:40	2.2E-02	1.0E-02	1.0E-02
12:55-----13:55	2.0E-02	9.4E-03	9.5E-03
13:10-----14:10	1.7E-02	8.1E-03	7.9E-03
13:25-----14:25	1.6E-02	7.7E-03	7.5E-03
13:40-----14:40	2.0E-02	8.3E-03	1.2E-02

STATISTICS

NUMBER OF READINGS 192

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.22E-02	7.84E-02	2.46E-02	1.18E-02	2.25E-02	1.50E+00
NO2	3.60E-03	2.12E-02	9.97E-03	3.15E-03	9.52E-03	1.36E+00
NO	4.55E-03	8.11E-02	1.47E-02	1.38E-02	1.14E-02	1.89E+00

THUNDER BAY II #24

DATE: OCT 29 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: D.N.D. RIFLE RANGE;(33060-53574),1.5KM, 90 DEG/SOURCE

TIME	NOX	NO2	NO
02:59----03:59	2.3E-01	6.2E-02	2.0E-01
03:04----04:04	2.1E-01	5.8E-02	1.9E-01
03:09----04:09	2.1E-01	5.6E-02	1.9E-01
03:14----04:14	2.0E-01	5.5E-02	1.7E-01
03:19----04:19	2.0E-01	5.3E-02	1.6E-01

STATISTICS

NUMBER OF READINGS 81

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	3.52E-02	6.51E-01	2.14E-01	1.51E-01	1.69E-01	2.01E+00
NO2	1.00E-06	3.46E-01	5.78E-02	7.87E-02	3.26E-03	1.15E+02
NO	2.85E-02	8.17E-01	1.90E-01	1.61E-01	1.36E-01	2.28E+00

THUNDER BAY II #27

DATE: OCT 31 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 60 MIN
LOCATION: C.N.R.A. RECREATION RINK;(33050-53583),1.7KM, 55 DEG/SOURCE

TIME	NOX	NO2	NO
20:45----21:45	3.4E-02	1.3E-02	3.6E-02
21:00----22:00	3.5E-02	1.6E-02	3.6E-02
21:15----22:15	3.9E-02	1.6E-02	5.6E-02
21:30----22:30	3.7E-02	1.6E-02	4.6E-02
21:45----22:45	2.4E-02	1.1E-02	3.4E-02
22:00----23:00	1.9E-02	8.1E-03	3.0E-02
22:15----23:15	1.4E-02	7.4E-03	7.7E-03
22:30----23:30	1.3E-02	7.0E-03	5.8E-03
22:45----23:45	1.5E-02	8.5E-03	6.3E-03
23:00----00:00	1.6E-02	9.7E-03	1.0E-02
23:15----00:15	2.1E-02	1.1E-02	1.2E-02
23:30----00:30	2.1E-02	1.0E-02	1.3E-02
23:45----00:45	1.8E-02	7.9E-03	1.3E-02
00:00----01:00	2.9E-02	1.2E-02	1.2E-02
00:15----01:15	2.9E-02	1.1E-02	3.7E-02
00:30----01:30	3.2E-02	1.1E-02	4.4E-02
00:45----01:45	3.1E-02	1.1E-02	4.4E-02
01:00----02:00	1.8E-02	5.0E-03	4.1E-02
01:15----02:15	1.2E-02	4.8E-03	1.3E-02
01:30----02:30	1.3E-02	5.9E-03	8.1E-03
01:45----02:45	1.5E-02	7.3E-03	9.2E-03
02:00----03:00	2.3E-02	1.1E-02	1.3E-02

STATISTICS

NUMBER OF READINGS 255

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	5.49E-03	4.53E-01	2.44E-02	3.74E-02	1.61E-02	2.17E+00
NO2	1.00E-06	2.06E-01	1.02E-02	1.83E-02	1.66E-03	3.13E+01
NO	2.53E-03	5.51E-01	2.34E-02	5.76E-02	9.26E-03	2.96E+00

THUNDER BAY II #28

DATE: NOV 1 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: KAMISITIKWIA RVR. PT.)(33020-53578),1.1KM, 65 DEG/SOURCE

TIME	NOX	NO2	NO
12:41-----13:41	1.9E-02	9.2E-03	9.7E-03
12:56-----13:56	1.9E-02	8.9E-03	9.6E-03
13:11-----14:11	1.8E-02	8.4E-03	9.6E-03
13:26-----14:26	1.5E-02	7.4E-03	7.7E-03
13:41-----14:41	1.5E-02	7.4E-03	7.4E-03
13:56-----14:56	1.5E-02	7.2E-03	7.3E-03
14:11-----15:11	1.5E-02	7.3E-03	8.0E-03
14:26-----15:26	1.6E-02	7.0E-03	1.0E-02

STATISTICS

NUMBER OF READINGS 176

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.08E-02	5.85E-02	1.69E-02	6.04E-03	1.62E-02	1.31E+00
NO2	1.00E-06	2.99E-02	7.74E-03	3.04E-03	6.98E-03	2.11E+00
NO	5.23E-03	1.02E-01	9.52E-03	8.31E-03	8.57E-03	1.44E+00

THUNDER BAY II #29

DATE: NOV 1 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: KAMINISTIKWIA RIVER BRIDGE;(33050-53584),1.7KM, 60 DEG/SOURCE

TIME	NOX	NO2	NO
16:29----17:29	3.5E-02	1.2E-02	2.5E-02
16:34----17:34	3.8E-02	1.3E-02	2.9E-02
16:39----17:39	3.3E-02	1.3E-02	2.2E-02
16:44----17:44	2.5E-02	1.1E-02	1.7E-02
16:49----17:49	2.2E-02	9.8E-03	1.4E-02
16:54----17:54	2.0E-02	8.7E-03	1.3E-02
16:59----17:59	1.9E-02	8.3E-03	1.3E-02

STATISTICS

NUMBER OF READINGS 90

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	8.44E-03	2.22E-01	3.13E-02	3.67E-02	2.12E-02	2.20E+00
NO2	1.00E-06	7.18E-02	1.11E-02	1.28E-02	4.29E-03	1.27E+01
NO	2.66E-03	3.06E-01	2.31E-02	4.43E-02	1.04E-02	3.00E+00

THUNDER BAY II #31

DATE: NOV 2 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: CAN CAR LTD. LOT:(32945-53583),0.85KM, 15 DEG/SOURCE

TIME	NOX	NO2	NO
09:54----10:54	5.1E-02	1.7E-02	3.9E-02
10:09----11:09	6.1E-02	2.2E-02	4.5E-02
10:24----11:24	6.6E-02	2.3E-02	5.1E-02
10:39----11:39	5.2E-02	1.7E-02	4.1E-02
10:54----11:54	5.0E-02	1.6E-02	4.4E-02
11:09----12:09	4.9E-02	1.5E-02	4.4E-02
11:24----12:24	3.8E-02	1.2E-02	3.6E-02
11:39----12:39	3.8E-02	1.2E-02	3.4E-02
11:54----12:54	2.2E-02	7.2E-03	1.7E-02
12:09----13:09	1.3E-02	4.4E-03	1.0E-02

STATISTICS

NUMBER OF READINGS 204

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.00E-06	2.56E-01	3.70E-02	3.78E-02	1.10E-03	1.82E+02
NO2	1.00E-06	1.57E-01	1.24E-02	1.78E-02	3.12E-04	1.22E+02
NO	1.00E-06	3.21E-01	2.99E-02	4.07E-02	8.84E-04	1.57E+02

THUNDER BAY II #32

DATE: NOV 2 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: CAN CAR LTD. WOOD LOT;(32880-53582),0.8KM, 10 DEG/SOURCE

TIME	NOX	NO2	NO
14:20----15:20	5.9E-02	3.2E-02	1.8E-02
14:25----15:25	5.9E-02	3.3E-02	1.7E-02
14:30----15:30	5.8E-02	3.2E-02	1.7E-02
14:35----15:35	5.6E-02	3.1E-02	1.6E-02
14:40----15:40	4.9E-02	3.1E-02	1.6E-02
14:45----15:45	5.0E-02	3.1E-02	1.6E-02
14:50----15:50	4.8E-02	3.0E-02	1.6E-02
14:55----15:55	4.7E-02	3.1E-02	1.4E-02
15:00----16:00	4.6E-02	3.0E-02	1.4E-02
15:05----16:05	4.2E-02	2.7E-02	1.2E-02

STATISTICS

NUMBER OF READINGS 108

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.00E-06	5.97E-01	4.98E-02	5.82E-02	2.45E-02	1.23E+01
NO2	1.00E-06	8.50E-02	2.88E-02	1.47E-02	2.37E-02	2.94E+00
NO	1.00E-06	6.75E-02	1.41E-02	1.32E-02	5.32E-03	1.49E+01

THUNDER BAY II #34

DATE: NOV 2 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 60 MIN
LOCATION: NEEBING & MONTREAL STS.;(32905-53583),0.9KM, 0 DEG/SOURCE

TIME	NOX	NO2	NO
20:52----21:52	1.5E-01	4.4E-02	1.3E-01
21:07----22:07	1.2E-01	3.7E-02	9.1E-02
21:22----22:22	9.7E-02	4.2E-02	6.2E-02
21:37----22:37	8.0E-02	4.1E-02	4.4E-02
21:52----22:52	8.1E-02	4.2E-02	4.1E-02
22:07----23:07	8.2E-02	4.1E-02	4.0E-02
22:22----23:22	1.1E-01	4.0E-02	7.9E-02
22:37----23:37	1.4E-01	4.2E-02	1.1E-01
22:52----23:52	1.6E-01	3.9E-02	1.3E-01
23:07----00:07	1.6E-01	3.7E-02	1.3E-01
23:22----00:22	1.2E-01	3.1E-02	9.1E-02
23:37----00:37	1.0E-01	3.1E-02	8.3E-02
23:52----00:52	1.2E-01	3.7E-02	9.1E-02
00:07----01:07	1.8E-01	4.6E-02	1.5E-01
00:22----01:22	1.9E-01	4.8E-02	1.6E-01
00:37----01:37	1.9E-01	4.7E-02	1.6E-01
00:52----01:52	1.7E-01	3.9E-02	1.5E-01
01:07----02:07	1.2E-01	3.0E-02	9.6E-02
01:22----02:22	1.2E-01	3.2E-02	9.6E-02
01:37----02:37	1.4E-01	3.6E-02	1.1E-01
01:52----02:52	1.5E-01	3.8E-02	1.1E-01
02:07----03:07	1.6E-01	3.9E-02	1.3E-01
02:22----03:22	1.6E-01	3.6E-02	1.3E-01
02:37----03:37	1.4E-01	3.4E-02	1.2E-01
02:52----03:52	1.3E-01	3.2E-02	1.0E-01
03:07----04:07	1.1E-01	3.0E-02	8.6E-02
03:22----04:22	9.0E-02	3.0E-02	5.9E-02
03:37----04:37	7.0E-02	2.7E-02	4.1E-02
03:52----04:52	6.6E-02	2.8E-02	3.7E-02
04:07----05:07	6.3E-02	3.0E-02	3.0E-02

STATISTICS

NUMBER OF READINGS 330

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.55E-02	6.65E-01	1.27E-01	8.09E-02	1.08E-01	1.77E+00
NO2	1.00E-06	2.10E-01	3.72E-02	2.69E-02	2.16E-02	8.69E+00
NO	4.51E-04	6.71E-01	9.74E-02	7.89E-02	6.88E-02	2.62E+00

THUNDER BAY II #35

DATE: NOV 3 1977
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: C.N.R.A. RECREATION RINK;(33050-53583),1.7KM, 55 DEG/SOURCE

TIME	NOX	NO2	NO
10:36----11:36	1.0E-01	2.2E-02	1.0E-01
10:51----11:51	9.1E-02	2.1E-02	8.7E-02
11:06----12:06	8.2E-02	2.1E-02	7.6E-02
11:21----12:21	6.5E-02	1.5E-02	6.5E-02
11:36----12:36	5.3E-02	1.5E-02	5.0E-02
11:51----12:51	4.5E-02	1.3E-02	4.2E-02
12:06----13:06	3.3E-02	9.3E-03	3.0E-02
12:21----13:21	2.7E-02	8.9E-03	2.0E-02
12:36----13:36	2.4E-02	9.3E-03	1.6E-02
12:51----13:51	2.4E-02	1.1E-02	1.4E-02
13:06----14:06	2.1E-02	9.9E-03	1.1E-02
13:21----14:21	1.7E-02	7.7E-03	9.9E-03
13:36----14:36	1.8E-02	7.7E-03	1.2E-02
13:51----14:51	1.8E-02	7.1E-03	1.2E-02
14:06----15:06	1.7E-02	6.5E-03	1.3E-02

STATISTICS

NUMBER OF READINGS 279

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	6.52E-03	2.54E-01	4.43E-02	4.06E-02	3.11E-02	2.30E+00
NO2	1.00E-06	1.09E-01	1.23E-02	1.54E-02	4.83E-03	1.20E+01
NO	4.68E-03	3.41E-01	3.99E-02	4.57E-02	2.39E-02	2.70E+00

THUNDER BAY II #36

DATE: NOV 3 1977
SCAN TIME: 90 SEC
AVERAGING TIME: 60 MIN
LOCATION: C.N.R.A. RECREATION RINK;(33050-53583),1.7KM, 55 DEG/SOURCE

TIME	NOX	NO2	NO
15:36----16:36	3.3E-02	1.6E-02	1.9E-02
15:51----16:51	3.3E-02	1.8E-02	1.8E-02
16:06----17:06	2.9E-02	1.6E-02	1.6E-02
16:21----17:21	2.7E-02	1.5E-02	1.5E-02
16:36----17:36	2.5E-02	1.3E-02	1.3E-02
16:51----17:51	2.9E-02	1.4E-02	1.5E-02
17:06----18:06	3.0E-02	1.5E-02	1.8E-02
17:21----18:21	3.8E-02	1.8E-02	2.5E-02
17:36----18:36	4.9E-02	2.1E-02	3.3E-02

STATISTICS

NUMBER OF READINGS 123

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.39E-02	2.99E-01	3.92E-02	3.58E-02	3.16E-02	1.81E+00
NO2	1.00E-06	2.51E-01	1.96E-02	2.92E-02	6.06E-03	1.72E+01
NO	6.15E-03	2.02E-01	2.35E-02	2.74E-02	1.74E-02	1.98E+00

THUNDER BAY II #1

17:58 OCT 20 1977 SCAN= 60 SEC AVE= 30 MIN

HWY #618;(328#0-535660),1.1KM, 220 DEG/SOURCE

15 12 10 10 9 7 5 TEMP DEG C
984 985 986 987 988 989 989 PRES MBAR

H25 X 10^{-3} PPM | SO2 X 10^{-2} PPM | O3 X 10^{-2} PPM

1.0 1.0 5.0
.8 .8 4.0
.6 .6 3.0
.4 .4 2.0
.2 .2 1.0
.0 .0 .0

N W S E N

5 0

W DIR----DEG
W SPD--KM/HR

STANDARD

H2S	0.02	PPM
SO2	0.30	PPM
O3	0.10	PPM

H_2S

O_3

SO_2

18:00-18:30 20:00-20:30 22:00-22:30 00:00-00:30 02:00-02:30 04:00-04:30 06:00-06:30

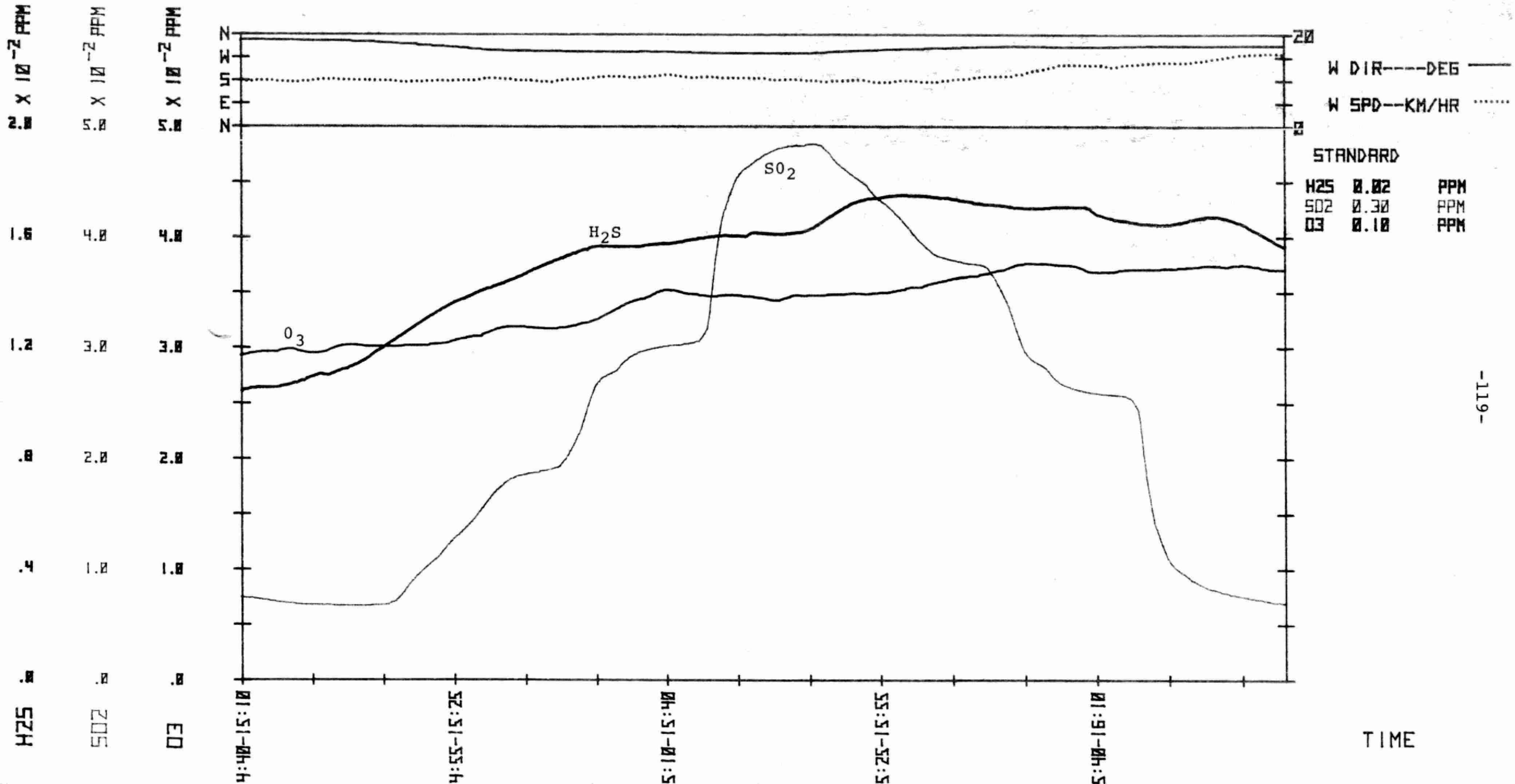
TIME

-118-

THUNDER BAY II #5

14:40 OCT 21 1977 SCAN= 30 SEC AVE= 30 MIN

HWY #618 IN TRAILER PARK;(32930-53572),0.4KM, 130 DEG/SOURCE

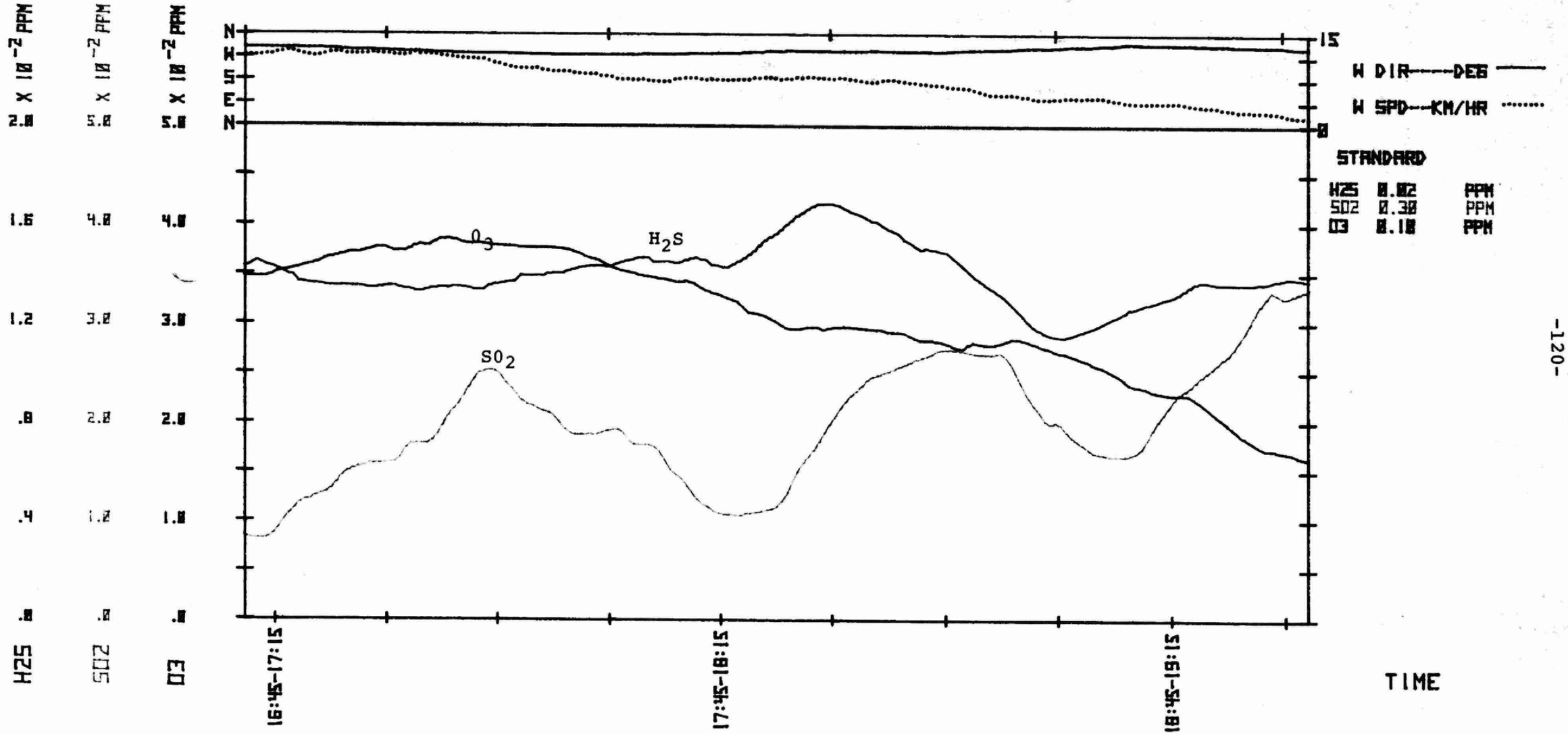


THUNDER BAY II #6

16:41 OCT 21 1977 SCAN= 30 SEC AVE= 30 MIN

MT. MCKAY SKI AREA;(32950-53570);0.7KM; 135 DEG/SOURCE

16	16	15	13	12	11	TEMP DEG C
19	19	21	24	27	32	HUM % REL
994	994	994	994	995	995	PRES MBAR

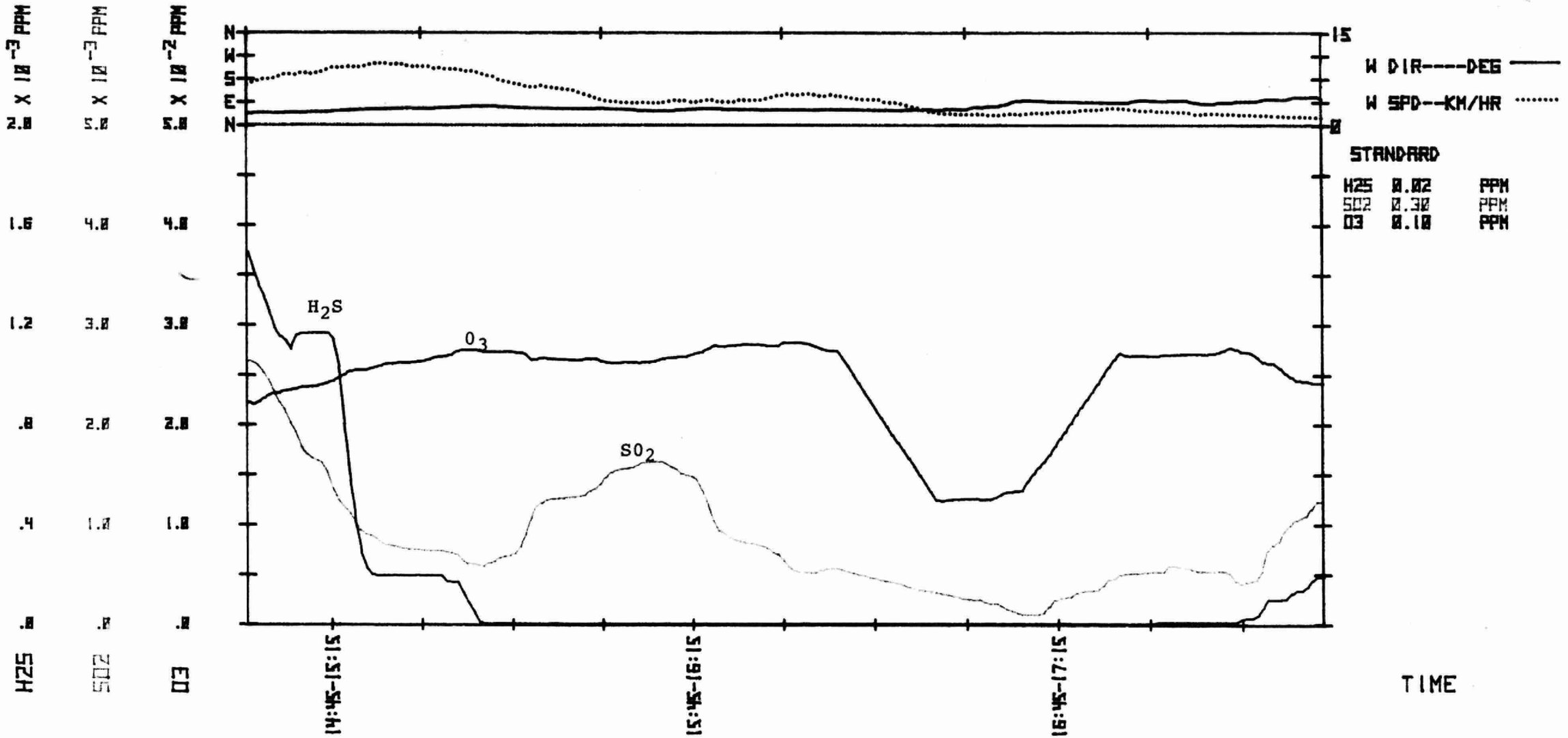


THUNDER BAY II #9

14:31 OCT 22 1977 SCAN= 60 SEC AVE= 30 MIN

MOSQUITO CR. BRIDGE;(32860-53567),0.9KM, 220DEG/SOURCE

11	9	10	10	4	9	TEMP DEG C
34	38	36	36	17	38	HUM % REL
1008	1007	1007	1007	470	1008	PRES MBAR

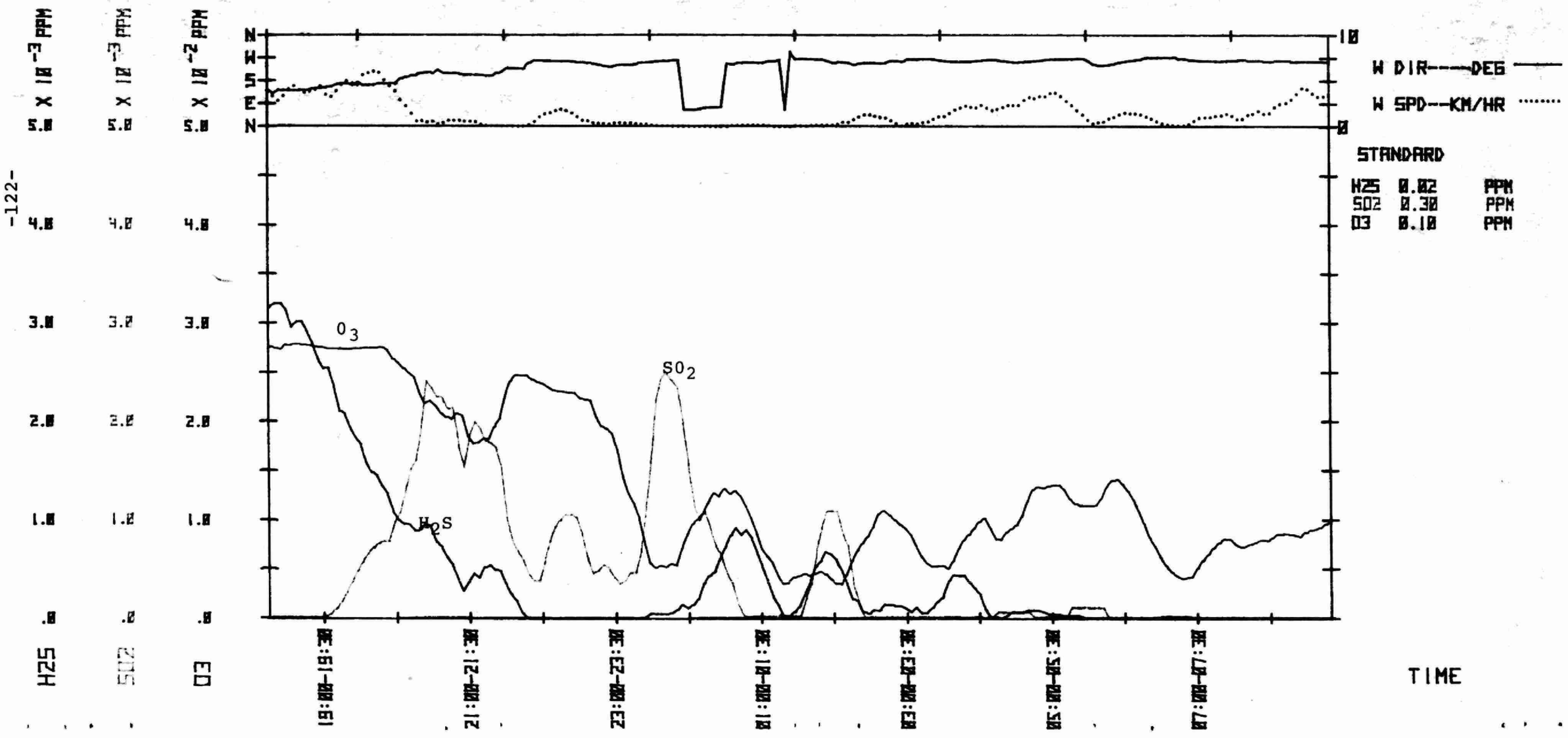


THUNDER BAY II #10

18:15 OCT 22 1977 SCAN= 90 SEC AVE= 30 MIN

MCKAY SKI AREA;(32950-53570);0.7KM/ 135DEG/SOURCE

7	6	4	3	1	-1	-1	-3	TEMP DEG C
49	60	75	83	88	95	95	97	HUM % REL
1006	1007	1007	1008	1008	1008	1008	1008	PRES MBAR

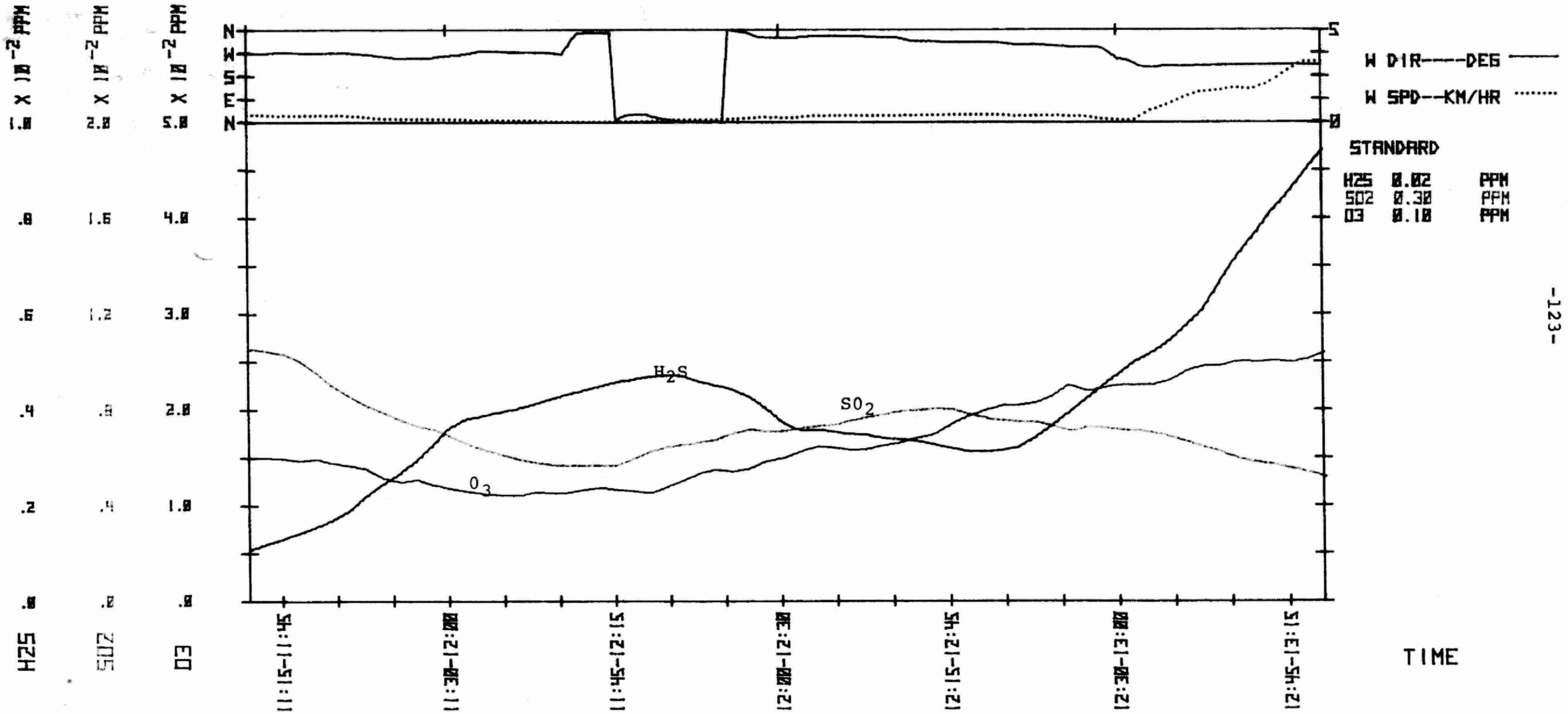


THUNDER BAY II #12

11:12 OCT 23 1977 SCAN= 90 SEC AVE= 30 MIN

HWY #616, .25 MILE W. RIFLE RGE;(33030-53578),1.1KM, 60DEG/SOURCE

0.029	0.019	0.047	0.051	SRAD W/CM2
5	6	9	12	TEMP DEG C
74	69	59	46	HUM % REL
1008	1008	1008	1007	PRES MBAR

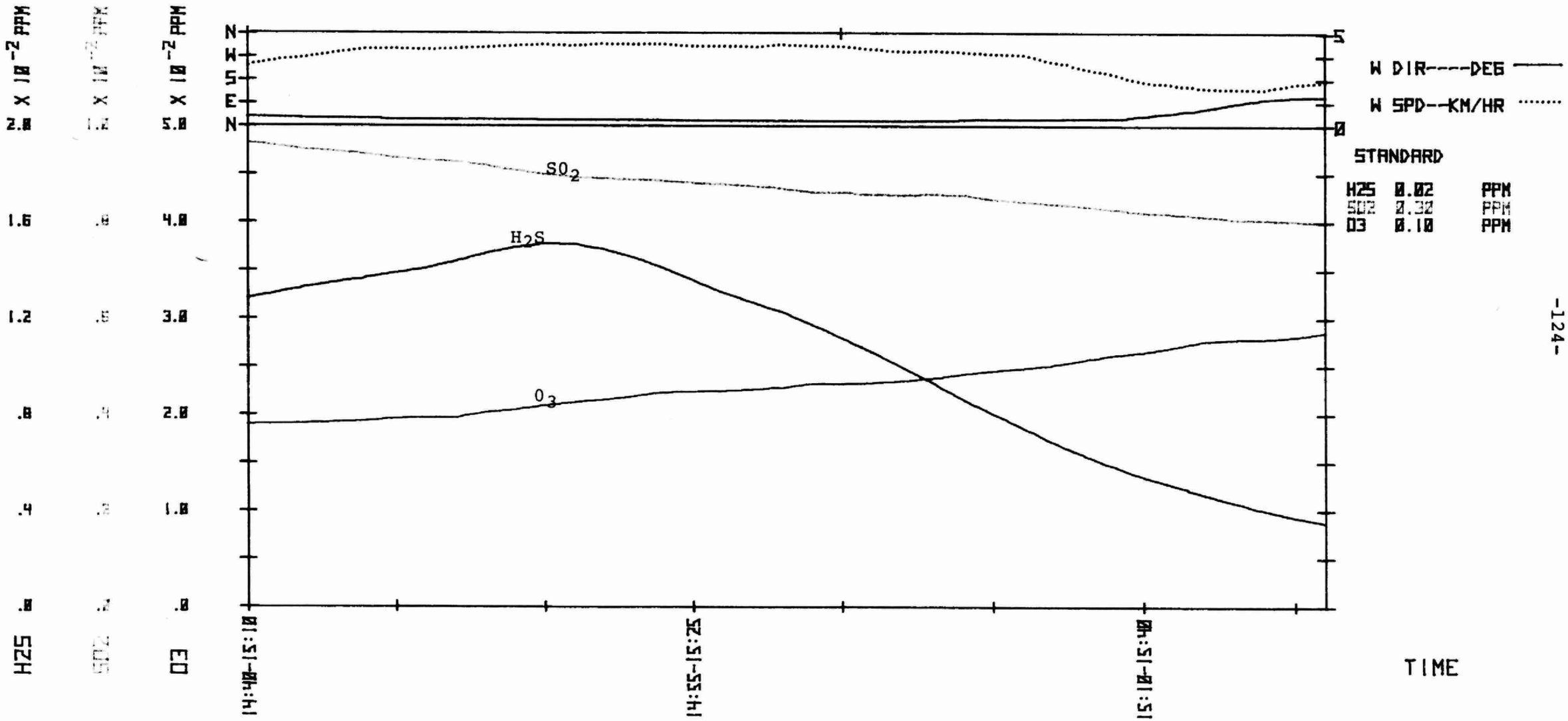


THUNDER BAY II #16

14:40 OCT 24 1977 SCAN= 60 SEC AVE= 30 MIN

HWY #61 AT KAMINISTIKWIA RIVER;(32835-53572);0.9KM; 220 DEG/SOURCE

0.034	0.035	SRAD W/CM2
15	16	TEMP DEG C
55	54	HUM % REL
996	996	PRES MBAR

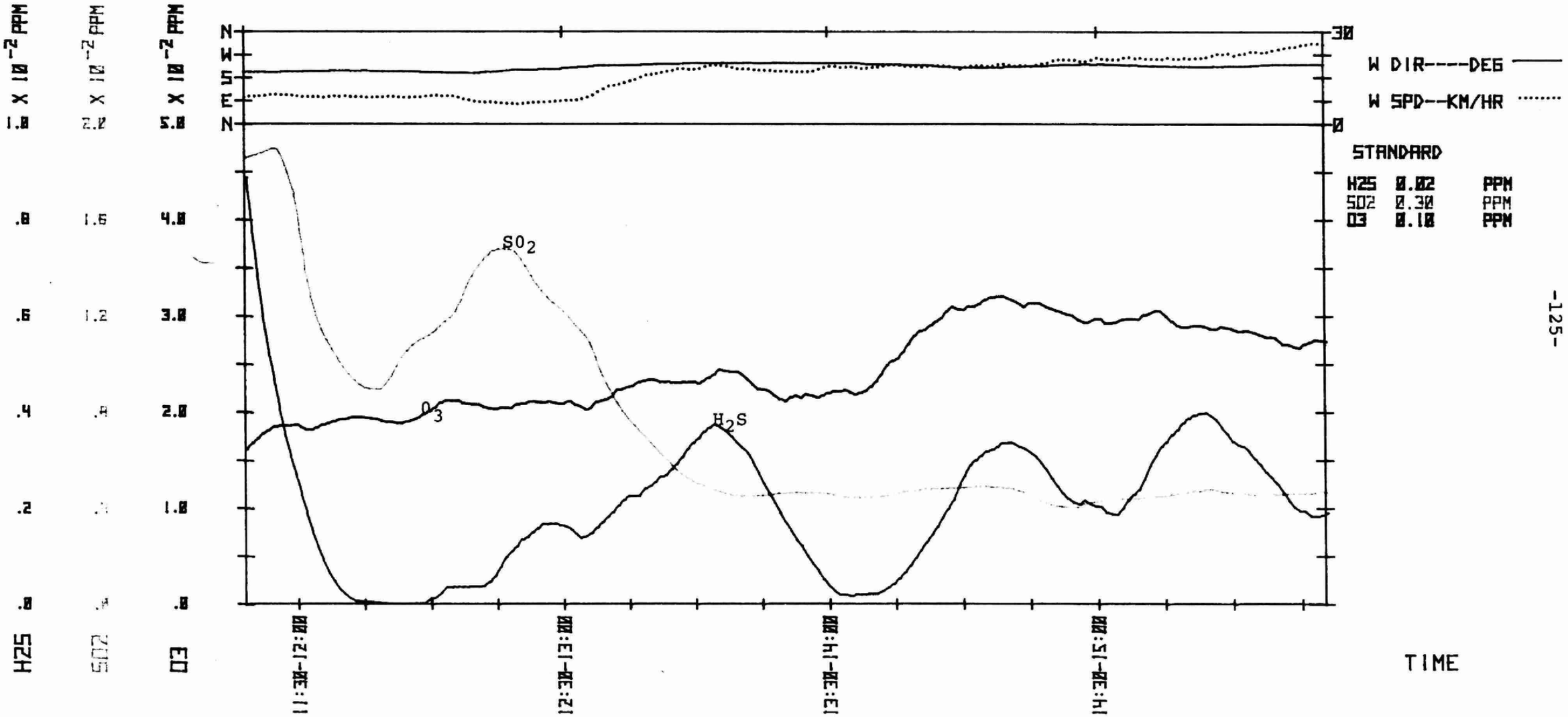


THUNDER BAY II #18

11:18 OCT 25 1977 SCAN= 60 SEC AVE= 30 MIN

CAN CAR LTD PROPERTY;(32945-53583);1KM/ 20 DEG/SOURCE

0.007	0.035	0.018	0.017	SRAD W/CM2
12	17	16	15	TEMP DEG C
87	60	63	62	HUM % REL
990	988	987	986	PRES MBAR

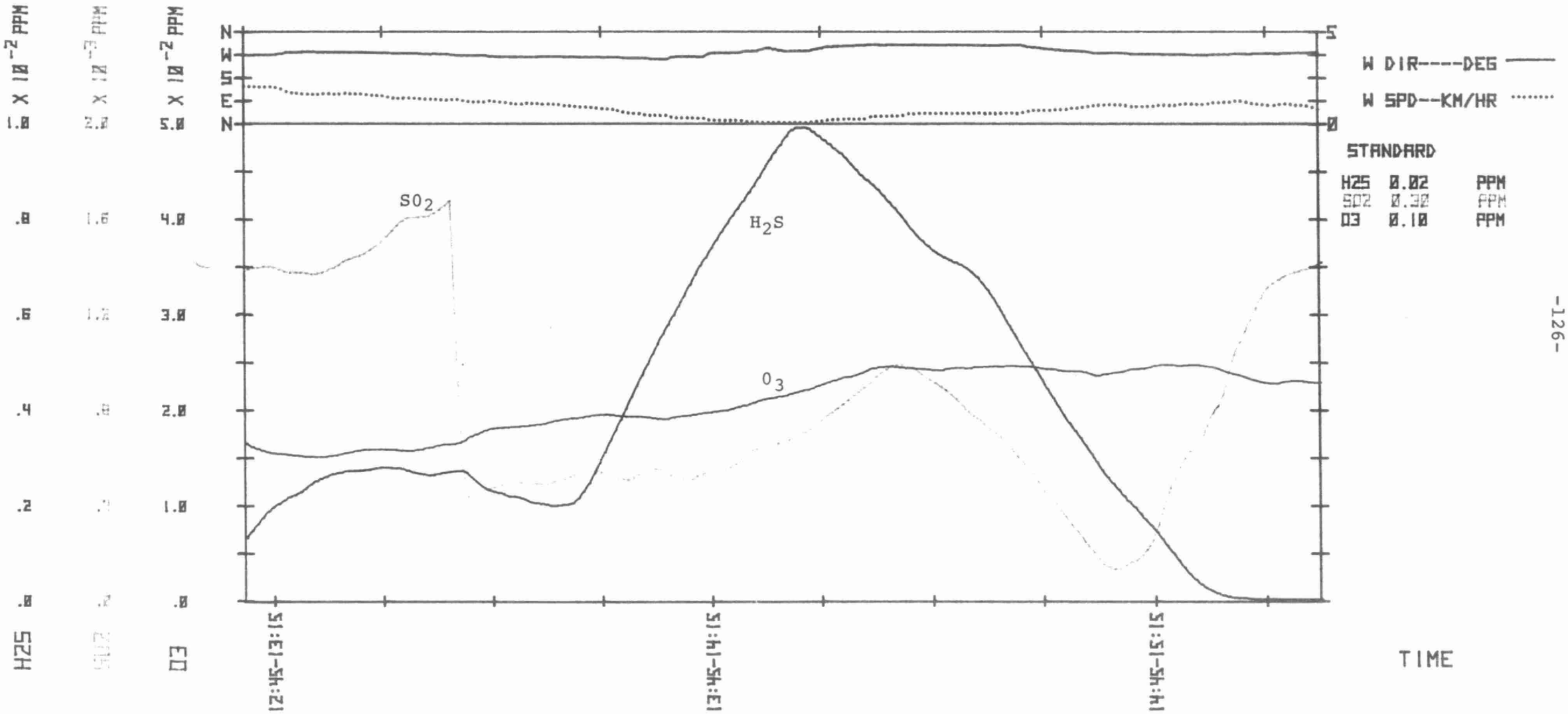


THUNDER BAY II #28

12:41 NOV 1 1977 SCAN= 60 SEC AVE= 30 MIN

KAMISITIKWIA RVR. PT.;(33020-53578),1.1KM, 65 DEG/SOURCE

0.018	0.021	0.020	0.017	0.014	0.014	SRAD W/CM2
13	14	15	15	15	15	TEMP DEG C
75	73	67	63	60	57	HUM % REL
989	989	989	989	989	989	PRES MBAR

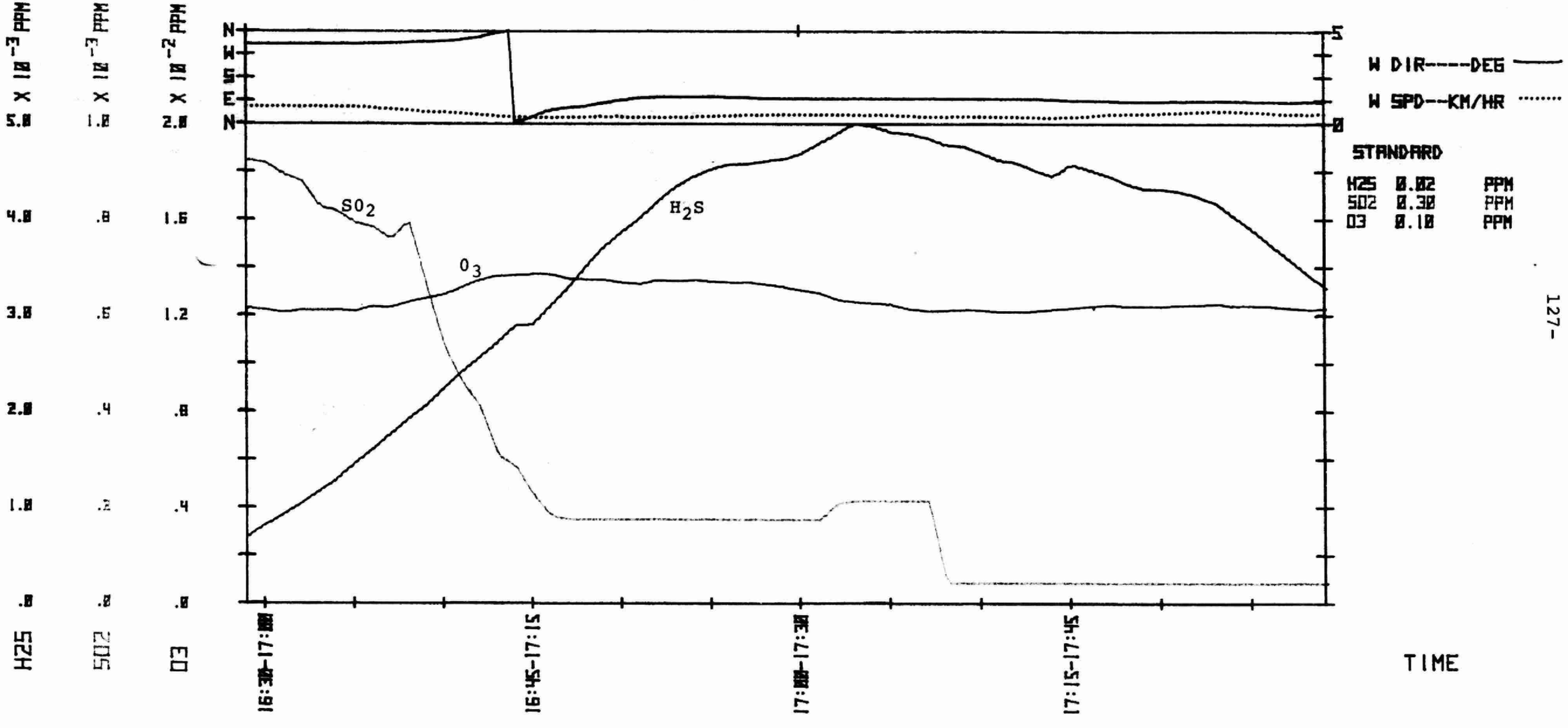


THUNDER BAY II #29

16:29 NOV 1 1977 SCAN= 60 SEC AVE= 30 MIN

KAMINISTIKWIA RIVER BRIDGE;(338050-535084),1.7KM, 60 DEG/SOURCE

0.003	0.001	SRAD W/CM2
13	12	TEMP DEG C
63	78	HUM % REL
989	989	PRES MBAR



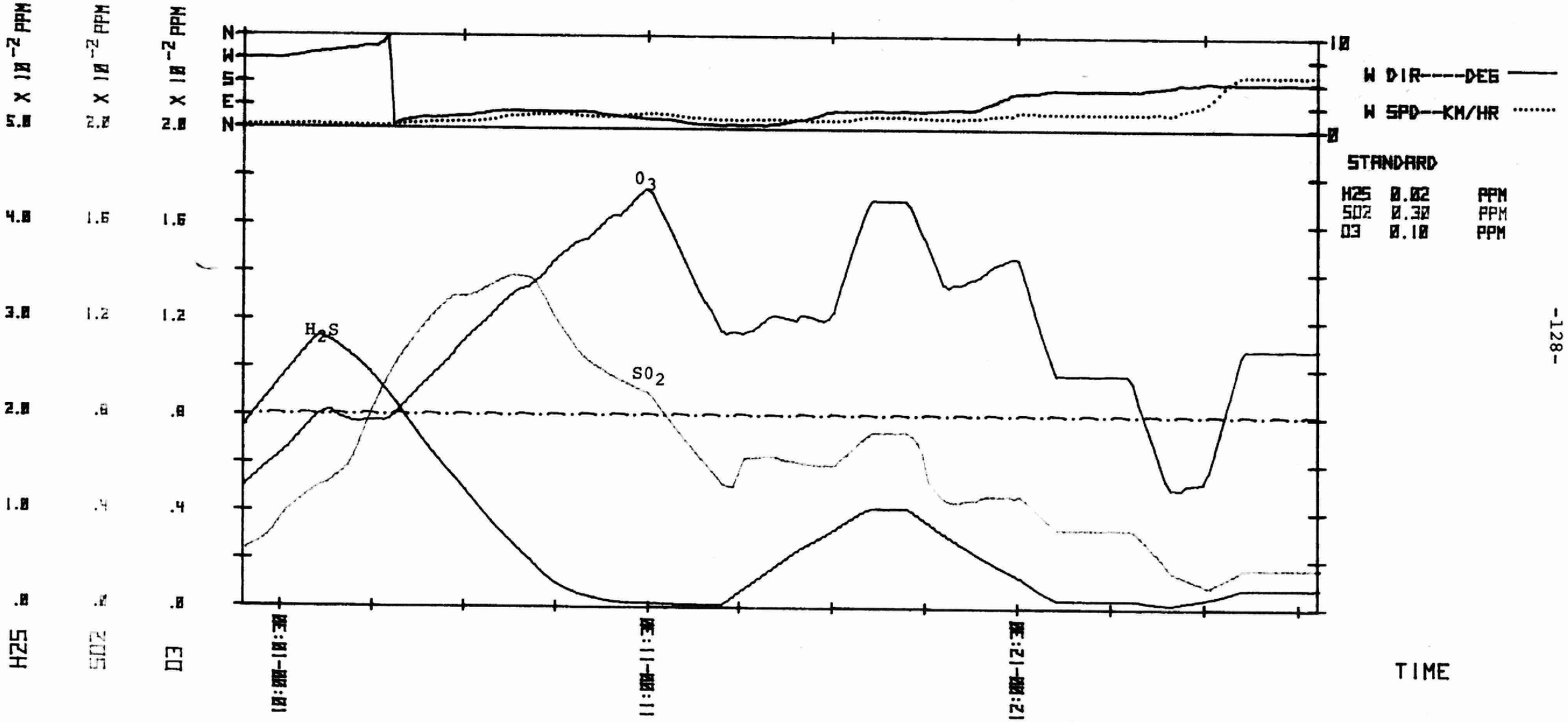
THUNDER BAY II #31

09:54 NOV 2 1977 SCAN= 60 SEC AVE= 30 MIN

CAN CAR LTD. LOT;(32945-53583);0.85KM; 15 DEG/SOURCE

0.015	0.032	0.026	0.024	0.016	0.004
6	11	11	8	9	3
42	63	65	34	31	11
594	990	990	593	593	198

SRAD W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



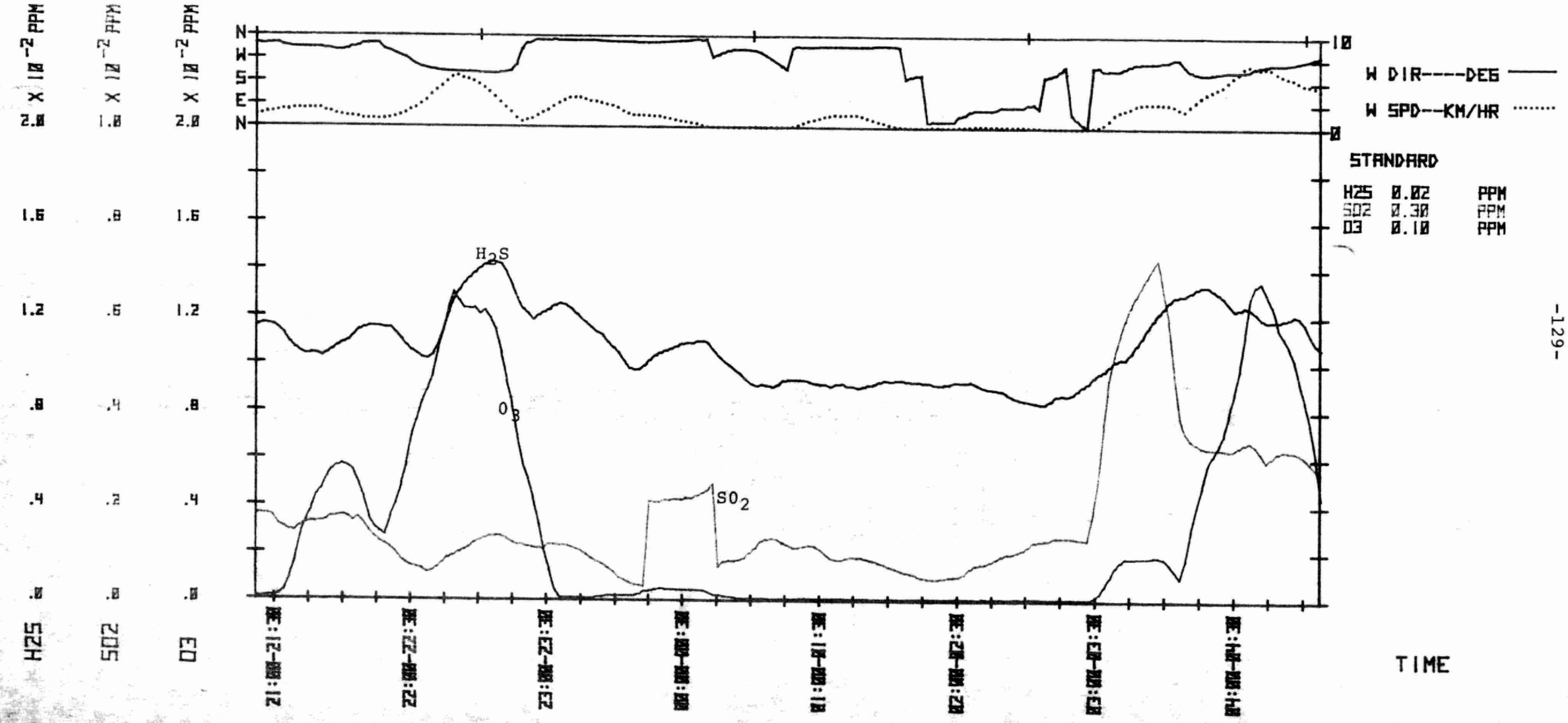
THUNDER BAY II #34

20:52 NOV 2 1977 SCAN= 90 SEC AVE= 30 MIN

NEEBING & MONTREAL STS.;(32905-53583);0.9KM; 0 DEG/SOURCE

0.000	0.000	0.000	0.000
6	9	8	7
86	83	86	94
986	987	987	987

0.000 SRAD W/CM2
7 TEMP DEG C
87 HUM % REL
988 PRES MBAR

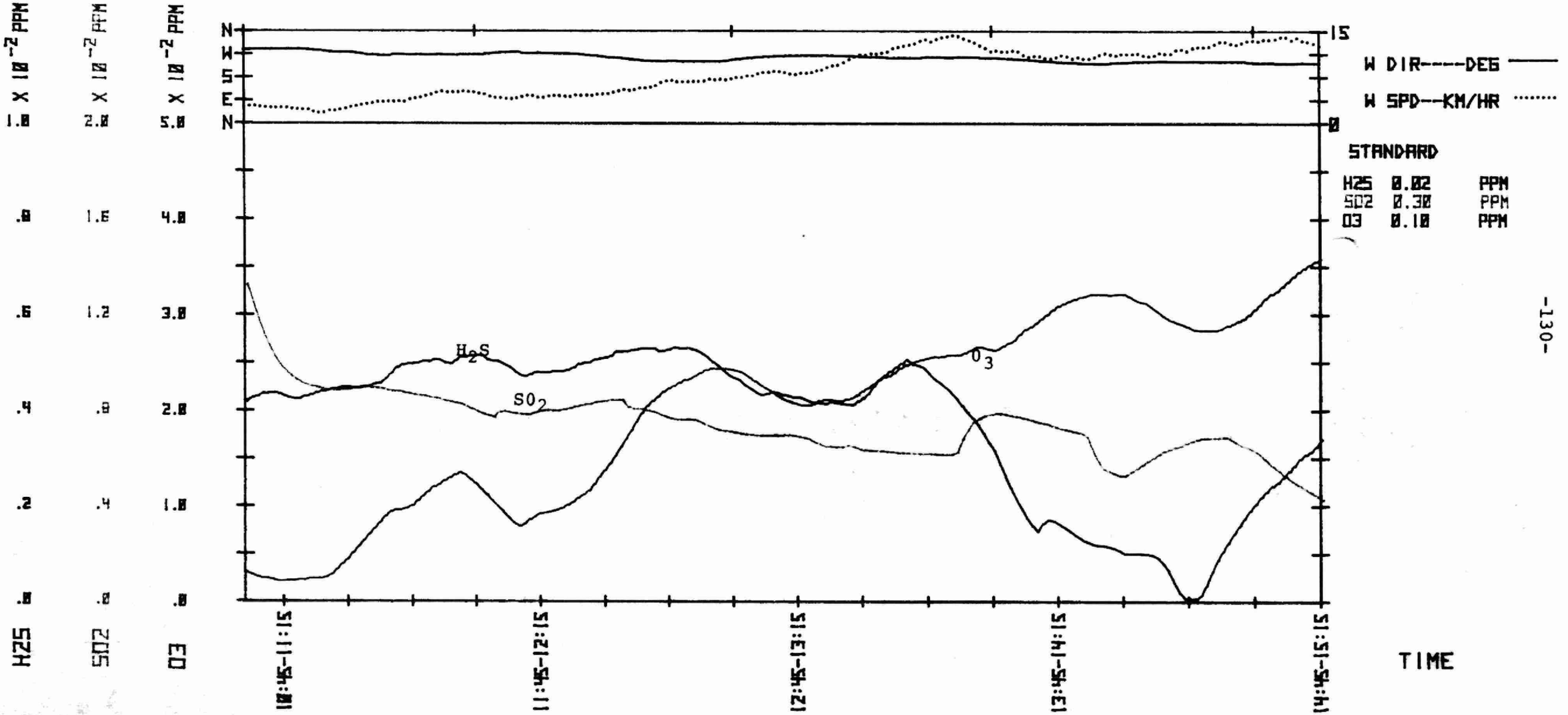


THUNDER BAY II #35

10:36 NOV 3 1977 SCAN= 60 SEC AVE= 30 MIN

C.N.R.A. RECREATION RINK;(33050-53583),1.7KM, 55 DEG/SOURCE

0.004	0.007	0.014	0.011	0.007	SRAD W/CM2
9	10	13	13	13	TEMP DEG C
82	69	47	40	39	HUM % REL
992	992	991	991	991	PRES MBAR

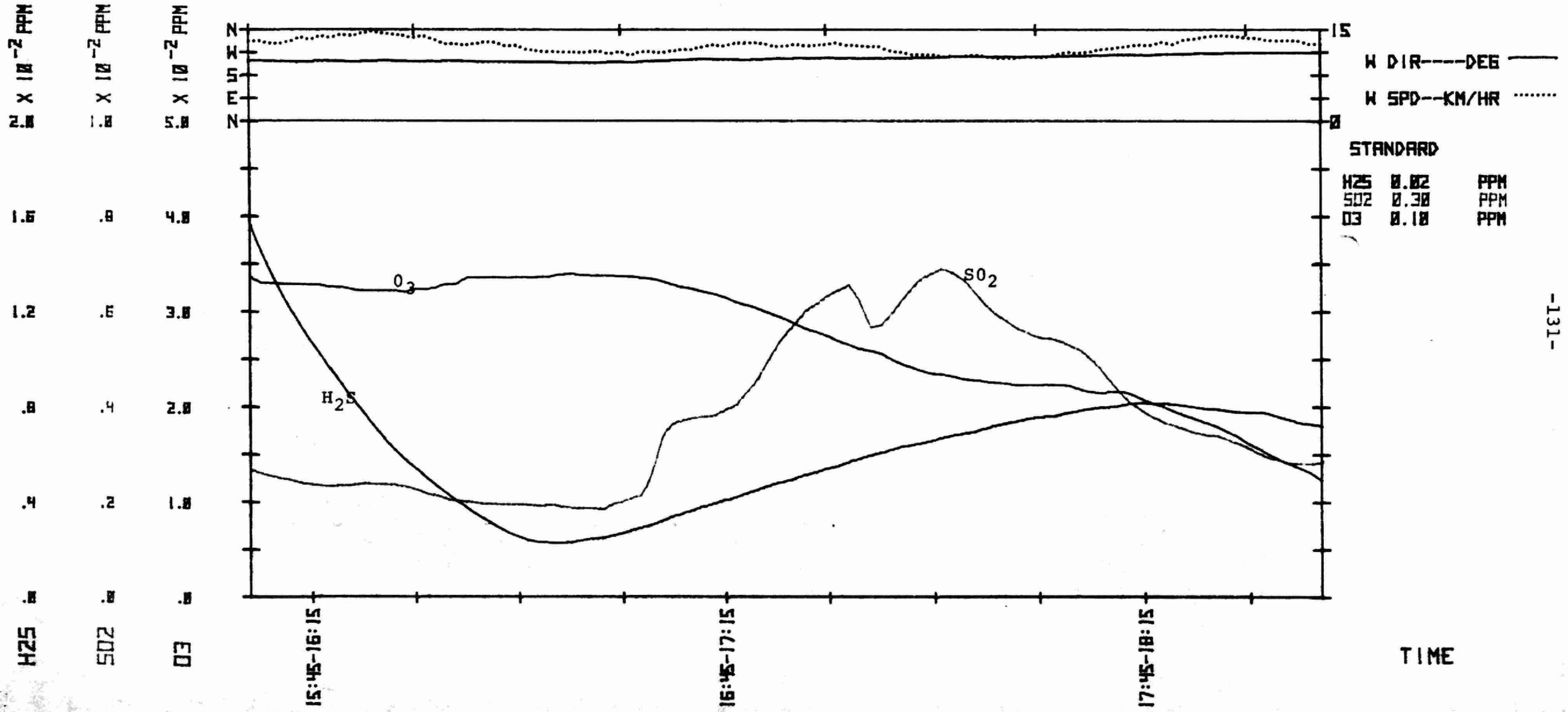


THUNDER BAY II #36

15:36 NOV 3 1977 SCAN= 90 SEC AVE= 30 MIN

C.N.R.A. RECREATION RINK;(33050-53583),1.7KM, 55 DEG/SOURCE

0.019	0.017	0.008	0.002	0.000	0.000	SRAD W/CM2
13	14	13	12	11	11	TEMP DEG C
36	34	34	37	40	35	HUM % REL
991	991	991	992	992	993	PRES MBAR

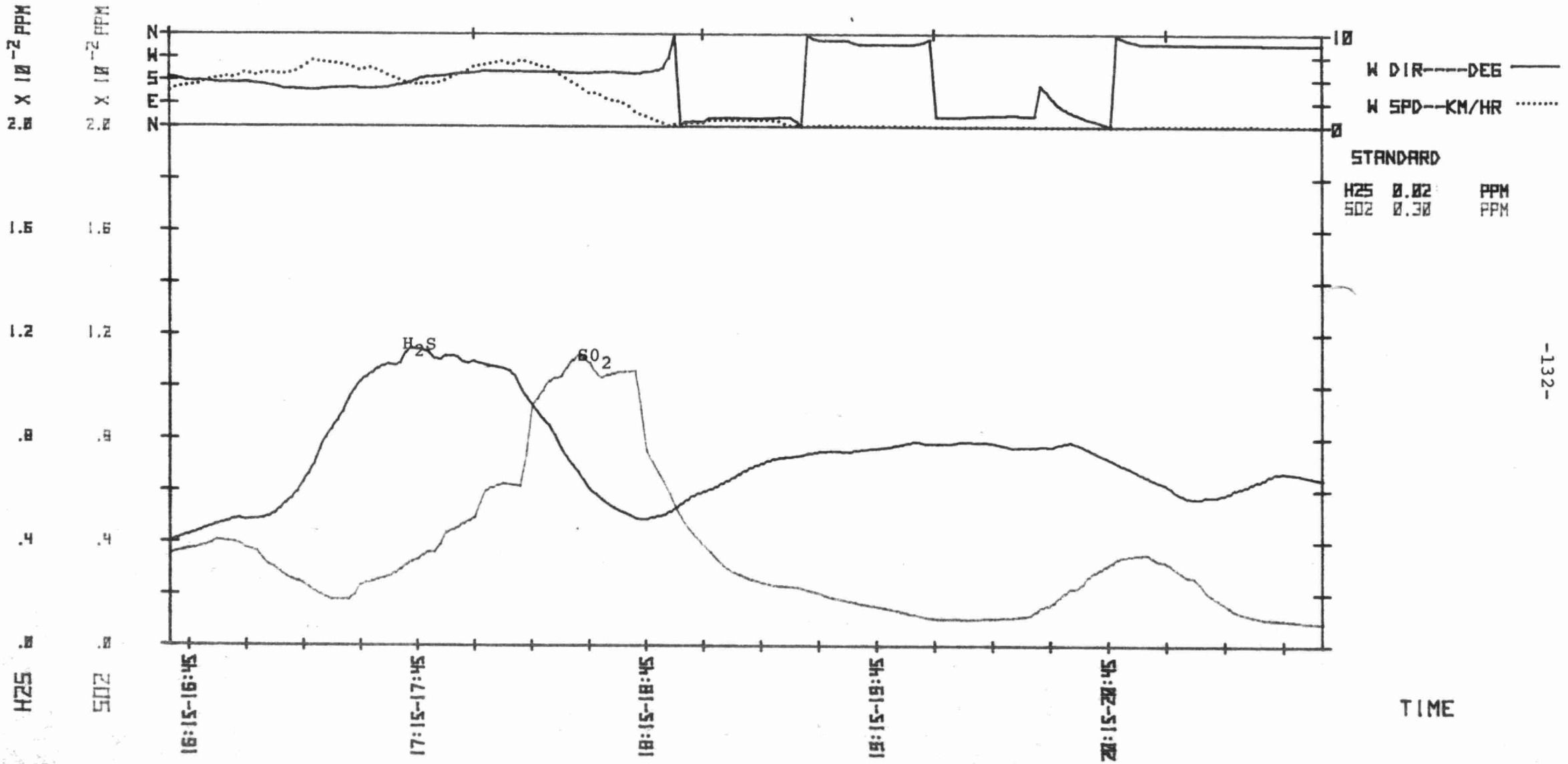


THUNDER BAY II #43

16:10 NOV 5 1977 SCAN= 150 SEC AVE= 30 MIN

G.L.P.&P. WOODLOT;(32875-53583);0.8KM; 350 DEG/SOURCE

10	8	7	6	5	TEMP DEG C
60	74	82	84	93	HUM % REL



STANDARD

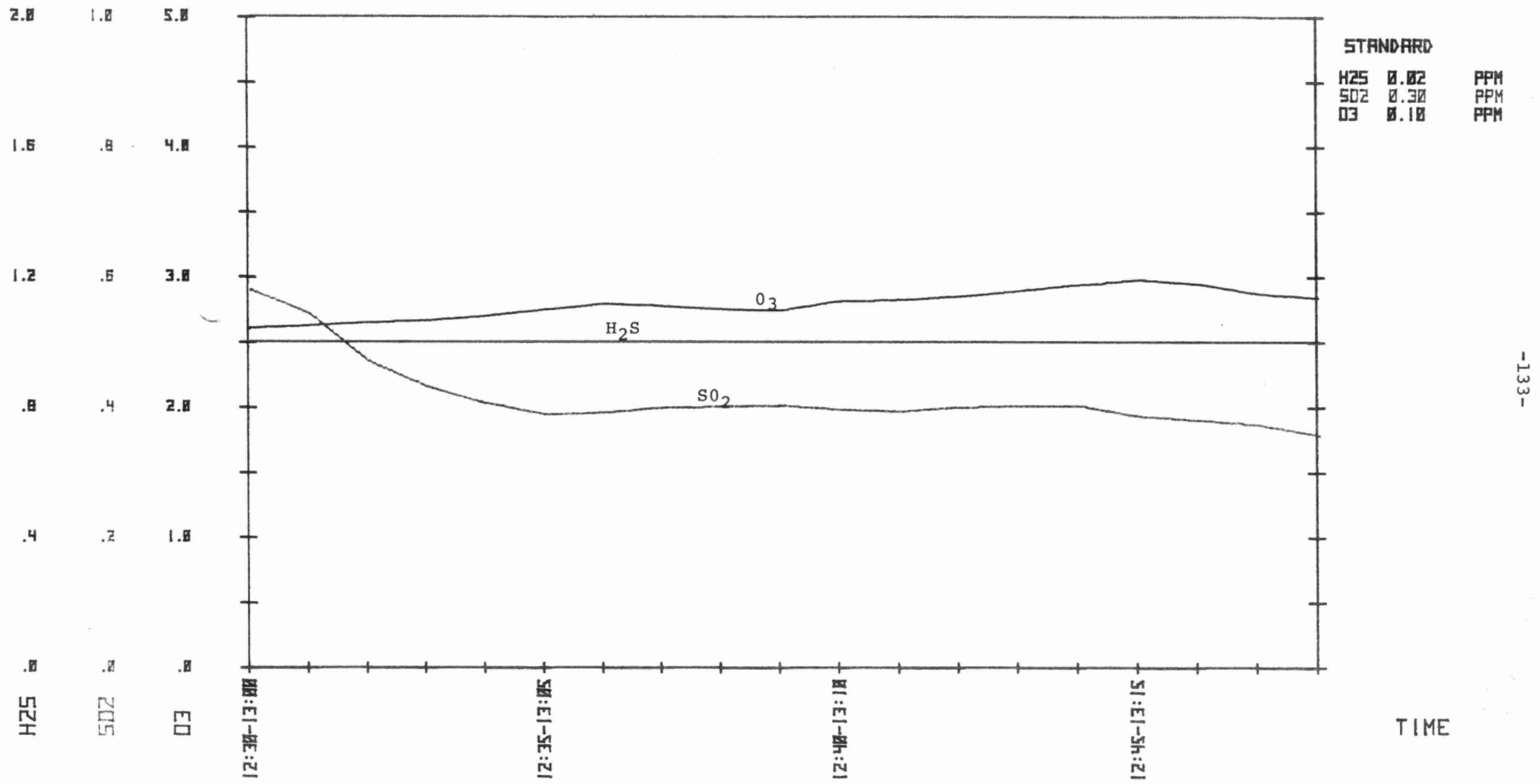
H25 0.02 PPM

SO2 0.30 PPM

THUNDER BAY II #48

12:30 OCT 26 1977 SCAN= 60 SEC AVE= 30 MIN

TRAILER PK ON HGWY #61(32945-53573); 0.25KM & 110DGS / SOURCE



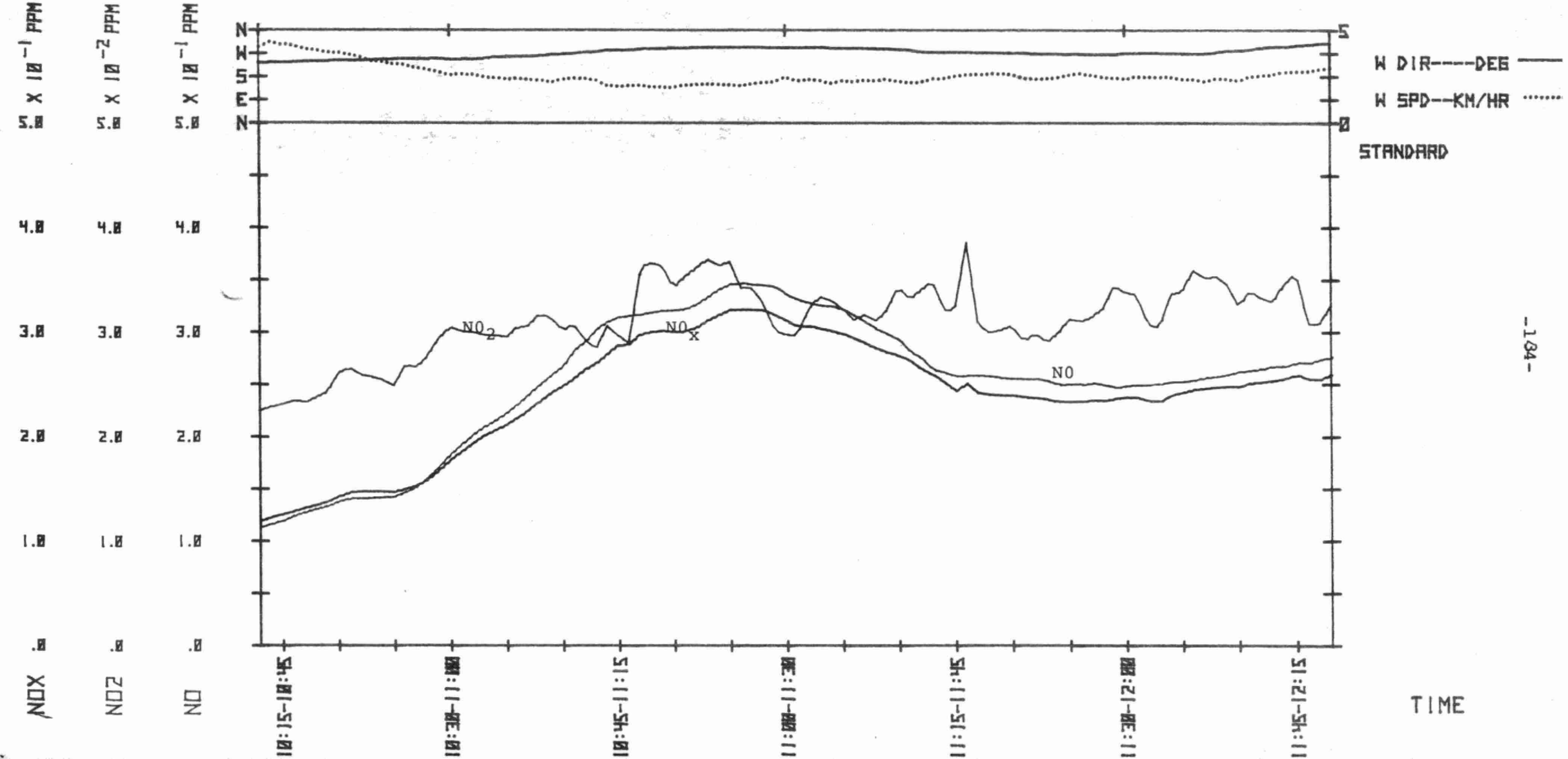
THUNDER BAY II #2

10:13 OCT 21 1977 SCAN= 60 SEC AVE= 30 MIN

HWY #61B;(33025-53578);1.2KM; 45 DEG/SOURCE

10	11	12	14
994	994	994	995

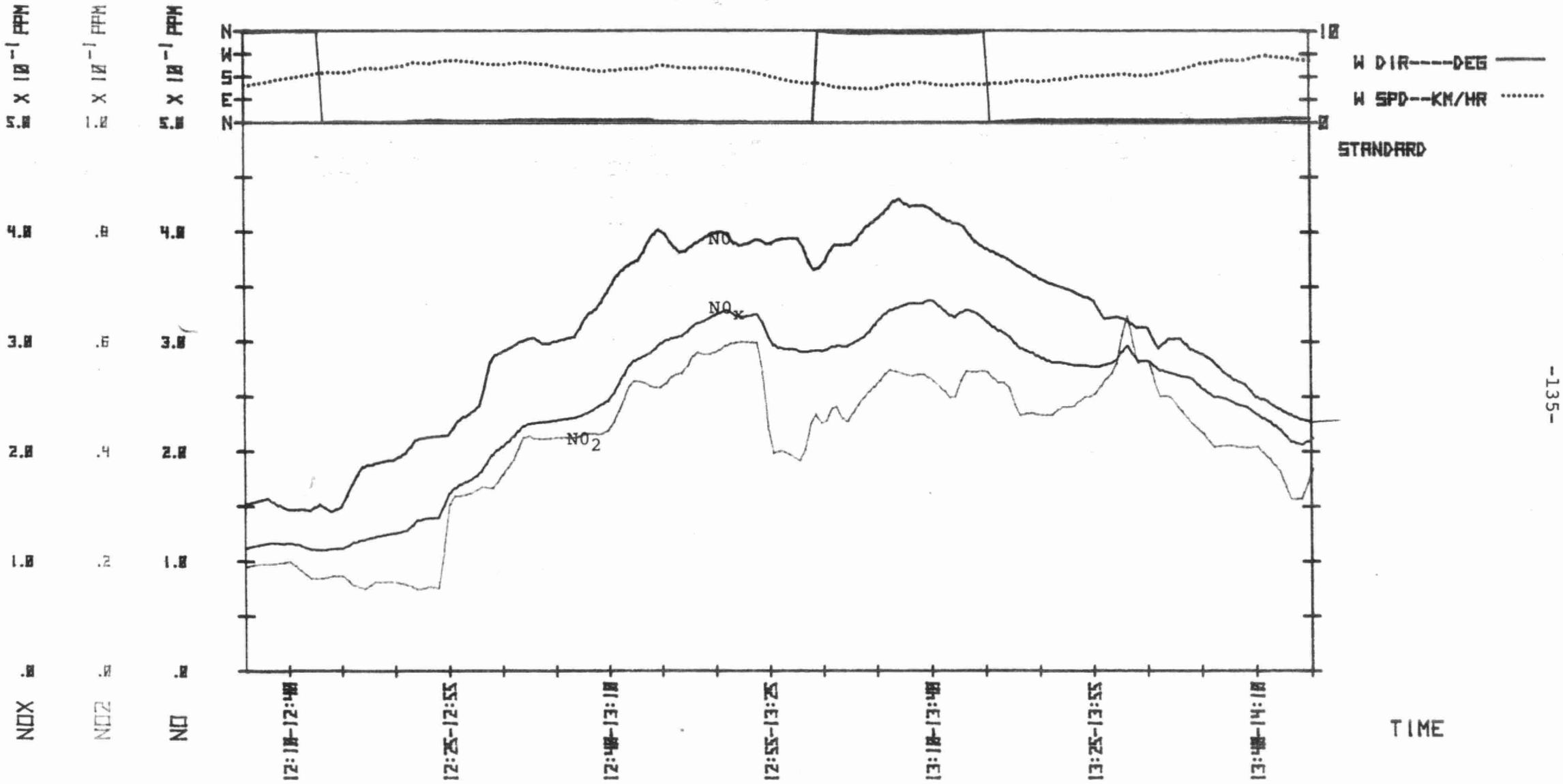
TEMP DEG C
PRES MBAR



THUNDER BAY II #8

12:06 OCT 22 1977 SCAN= 60 SEC AVE= 30 MIN

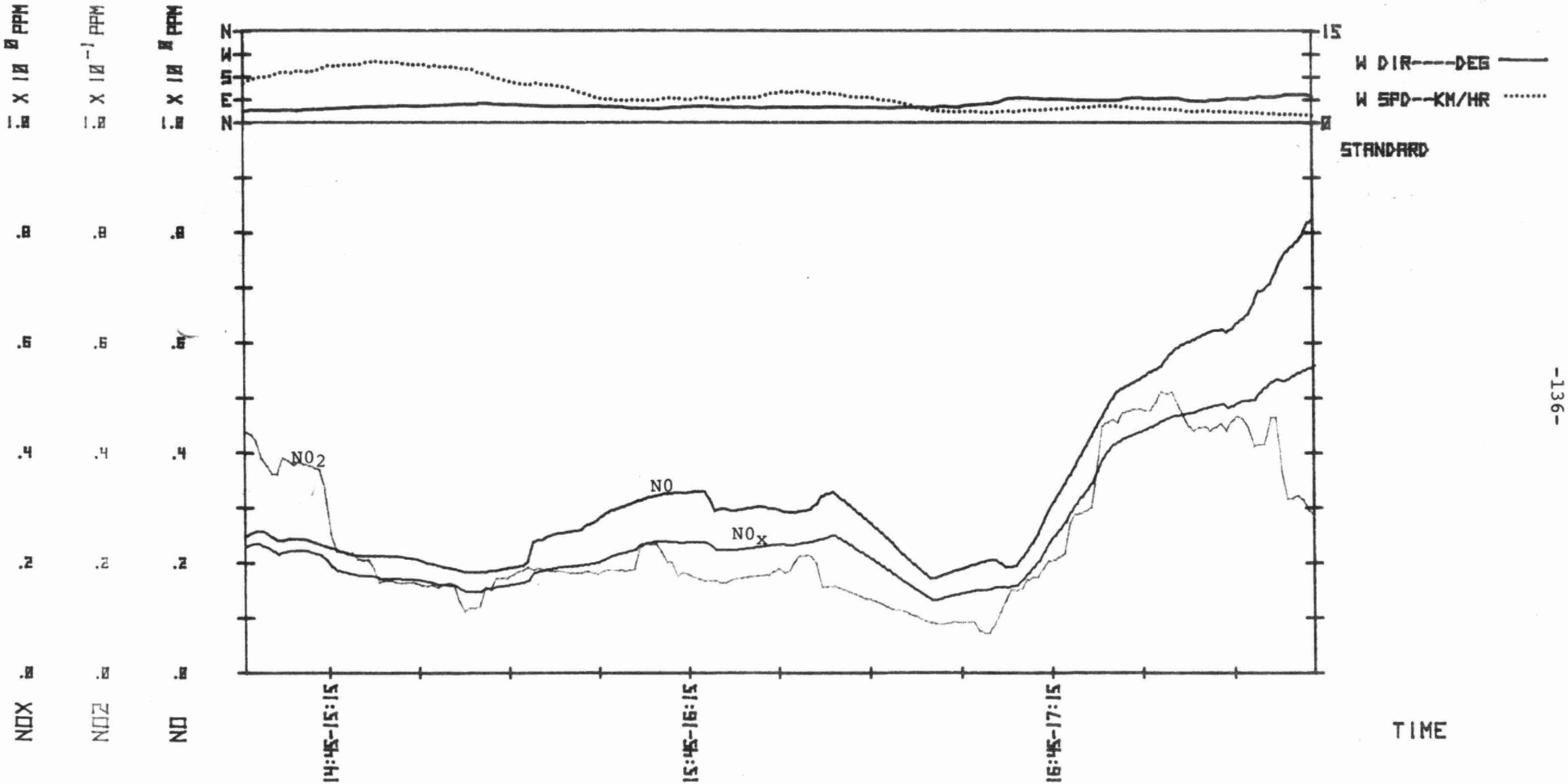
HWY #61B IN TRAILER PARK;(32930-53572)/0.4KM/ 130 DEG/SOURCE



THUNDER BAY II #9

14:31 OCT 22 1977 SCAN= 60 SEC AVE= 30 MIN

MOSQUITO CR. BRIDGE;(32860-53567),0.9KM, 220DEG/SOURCE

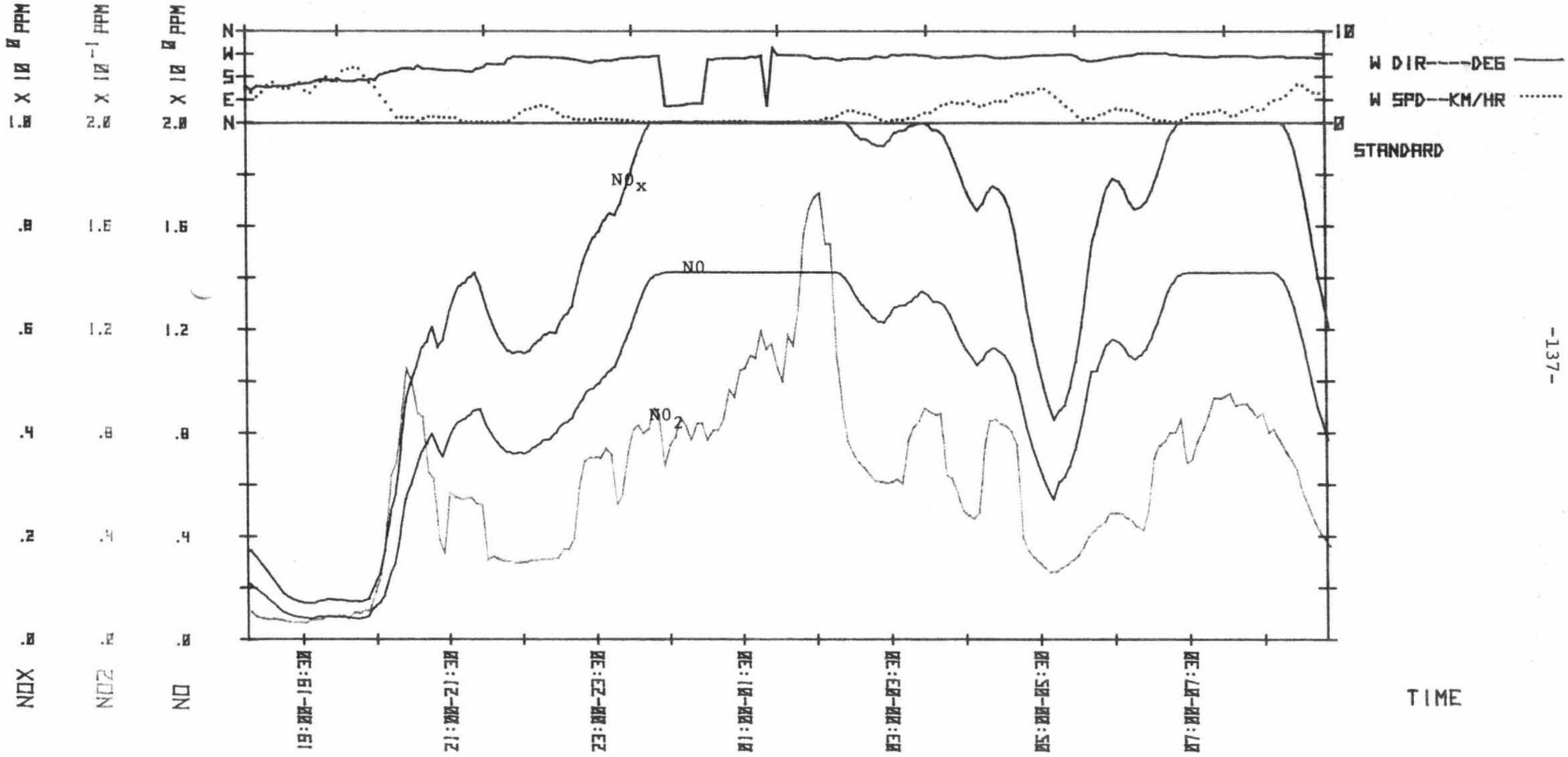


THUNDER BAY II #10

18:15 OCT 22 1977 SCAN= 90 SEC AVE= 30 MIN

MCKAY SKI AREA;(32950-53570),0.7KM, 135DEG/SOURCE

0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	SRAD W/CM2
7	6	4	3	1	-1	-1	-3	TEMP DEG C



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